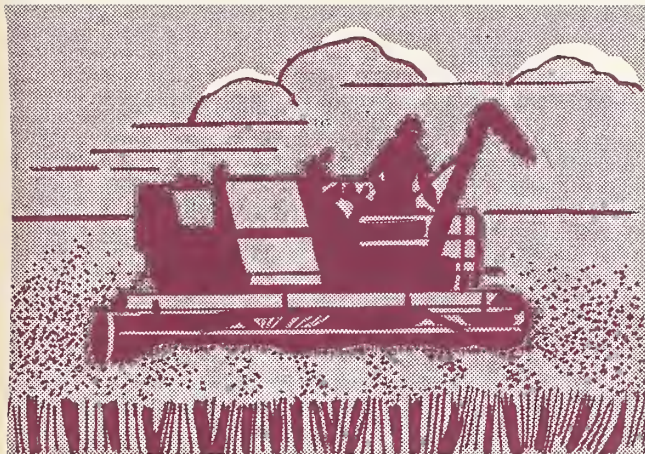


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# FARM COSTS and RETURNS



commercial farms  
by type, size,  
and location

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Economic Research Service  
Washington, D.C.

Agriculture Information Bulletin No. 230  
Revised October 1967



# LOCATION OF TYPES OF FARMS STUDIED

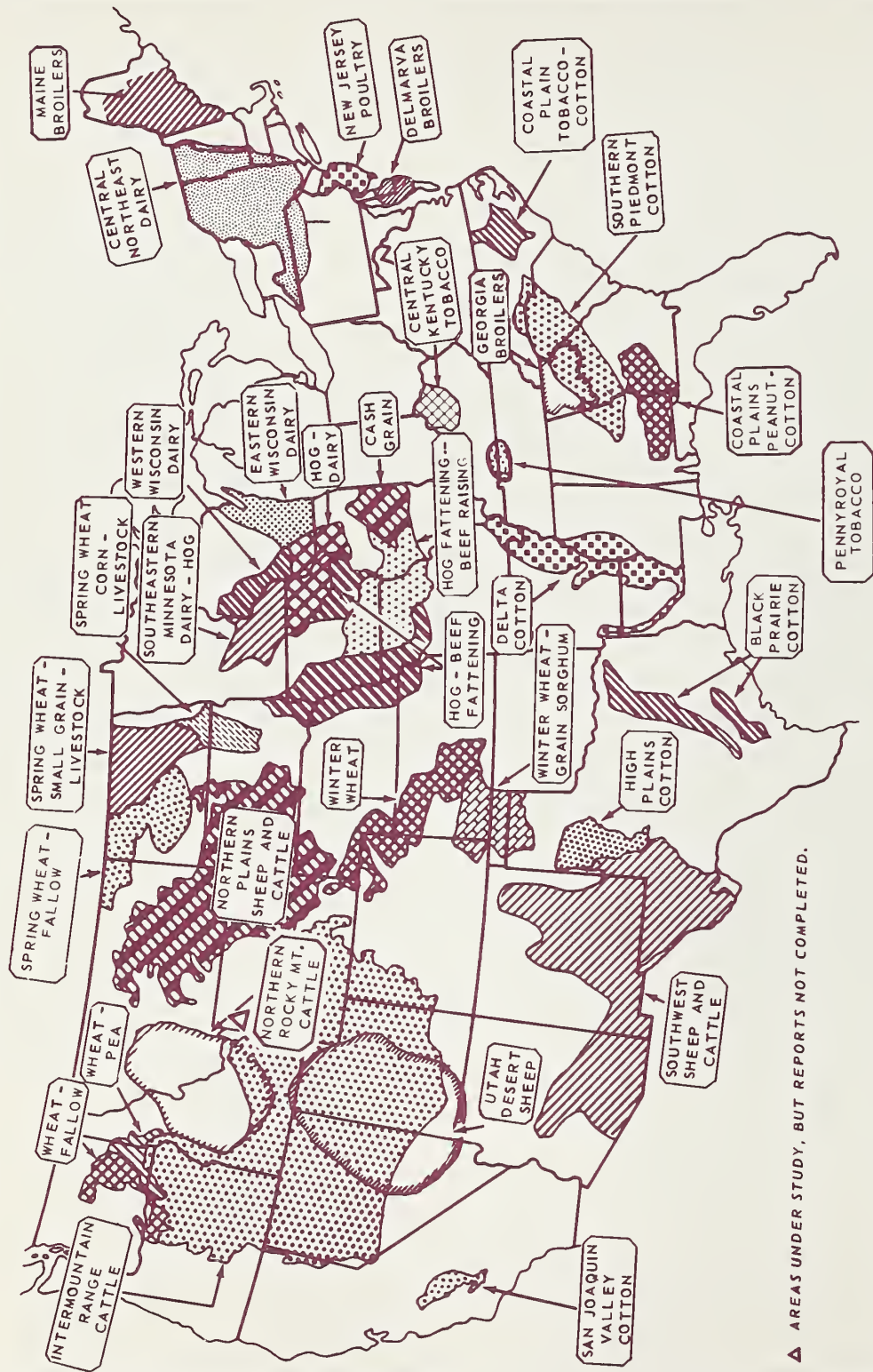


Figure 1

UNITED STATES DEPARTMENT OF AGRICULTURE  
Economic Research Service  
Farm Production Economics Division

E R R A T A

Farm Costs and Returns, Commercial Farms by Type, Size and Location,  
U.S. Dept. of Agr., Econ. Res. Serv., AIB-230, Revised October 1967.

Page 2, note at bottom of page, Information presented here on "owner"  
instead of "owned"

Page 3, table 2 title, Net farm income in 1966 as a percentage of 1965  
and "1960-64" instead of "1956-65"

Page 6, table 5, cotton farms, Mississippi Delta, large-scale, in  
column, Prices paid, including wages to hired labor, Average 1960-64,  
"2/" 104

Page 47, table 25, Large-scale cotton farms, Mississippi Delta, total  
cash expenditures, hired labor, Average 1957-59, "3/" 15,512

Page 47, table 25, Charge for capital at 4.1 interest, "4/" instead of  
"3/"

Page 47, table 25, Prices paid, including wages to hired labor, "delete  
footnote"



## PREFACE

This annual report contains summary estimates of costs and returns for 1966 and other recent years on 44 important types of commercial farms in 25 major farming areas in the United States (fig. 1), together with a brief analysis of changes that have occurred in production, prices, income, and costs for each of these types of farms.

This is the 21st annual report. It includes information for two important types of farms not reported on in previous reports. They are representative of tobacco-beef and tobacco-dairy farms in the Pennyroyal area of Kentucky and Tennessee. This area is particularly important in the production of dark tobacco. The 1964 U.S. Census of Agriculture shows that 42 percent of the U.S. acreage of dark-fire cured tobacco and 40 percent of the dark-air cured tobacco is in the counties that comprise this area. Most of the tobacco farms in the Pennyroyal area produce tobacco in combination with a livestock enterprise.

Estimates are reported for 42 types of farms for the years 1954-63 in USDA Statistical Bulletin 368 and for 37 types for the years 1930-57 in USDA Statistical Bulletin 297. Concepts and procedures are discussed briefly in Statistical Bulletin 368. Additional information is available for 1965 and 1966 for each of the major groups of farms in the Farm Costs and Returns (FCR) Series, Nos. 45 through 53, published by the Economic Research Service.

Data in these reports represent results of operations on typical or representative farms of the specified type and size. In all instances, the typical farms are important operating units in the specified area, and in most instances they are the most common units.

For example, of the approximately 30,500 farms in western Wisconsin (fig. 1) about 81 percent were classified in the 1964 census as commercial farms, and 82 percent of these were dairy farms. According to a recent survey, 75 percent of the dairy farm operators sold grade-B milk (for manufacturing purposes). Typical commercial family-operated dairy farms in this area have 20 to 25 milk cows and heifers, 2 years old and over. They are by far the most common

type and size of farm in the area and probably constitute 70 percent of the dairy farms producing grade-B milk in Western Wisconsin.

In contrast, there are several different types of farms in the hog-beef fattening area of the Corn Belt. Beef fattening farms are probably the most common, but they vary considerably in size and method of operation. Some operators fatten hundreds of animals a year, mostly with purchased feed; other operators grow nearly all the feed for the 50 to 60 head they fatten each year.

In 1966, the operators of typical hog-beef fattening farms represented here cultivated an average of 140 acres of feed grains, farrowed about 38 sows, and in the fall bought 80 to 100 feeder cattle. The cattle were to be fattened and sold early the next fall. Although this is a common operation, results are not likely representative of some other beef fattening farms.

Data in this report supplement estimates of aggregate income and expenses for all farms in the United States, as reported quarterly and annually by the Department, and those reported by various experiment stations and related research groups. Estimates for more types and sizes of farms would be required for expansion to regional and national totals.

The same general procedure, methodology, and terms are used for all types of farms. Thus, these annual publications provide a continuing source of information and a measure of year-to-year changes in farm size, farm organization, technology, investment, prices, costs, and returns on several important types of commercial farms.

For comparability of results among types of farms in these series, all farms are considered to be owner-operated units. Net farm income is the return to the operator and members of his family for their management and labor on the farm, and return to total farm capital. To obtain an estimate of return to operator and family labor, an estimated charge is made for capital. It should be noted, however, that a charge for capital represents a return to the owner of the capital.



Any charge for capital on a group of farms must be arbitrary. Farm assets vary greatly in kind, and are purchased at different times; a farmer buys a new machine or some livestock, for example, or decides to add to his farm acreage. Most farmers and ranchers make new investments each year. Some farm assets have a ready market, while others may be disposed of only at a sacrifice. Thus, it is difficult to determine a correct and valid charge for farm capital.

In this report, two alternative capital charges have been made. The first is obtained by multiplying total capital invested in the farm business, regardless of ownership, by the current interest rate in effect January 1 for new loans by the Federal land bank in the respective area. In 1966, this rate was 5.5 percent in nine districts, 6.0 percent in two districts, and midway between in one district. From 1930 to 1966, the rate varied from 4 percent to 6 percent.

The second estimate of capital charge is obtained by multiplying total investment in the farm business January 1, again irrespective of ownership, by 4.1 percent. This is the average rate paid by farmers on outstanding debts held by Federal land banks from 1940 to 1960. In this 21-year period, the rate varied from 3.5 percent to 4.6 percent; in 11 of the 21 years, it was 4.1 percent.

Whichever method is used, a further charge is added for production credit on farms where applicable. Such a charge was made on 28 of the 44 typical farms. Mainly, these were farms on which sales were seasonal. Production credit is calculated at short-term interest rates charged by production credit associations on loans outstanding.

The major sources of data for these costs and returns series are: (1) the U.S. Census of Agriculture, (2) rural carrier and mailed questionnaires sent to farmers and dealers by the Agricultural Estimates Division, Statistical Reporting Service, USDA, (3) enumerative field surveys, and (4) research results and related data from State experiment stations and Federal agencies when data for individual farms are available or when group

data meet the specifications for farms by type, size, and location. Data for individual farms of a particular type and size are generally used. Local area data on production rates, prices, and related items are used when they do not differ significantly by type and size of farm.

Many factors need to be considered in comparing the different types of farms and typical farm data with national averages and averages for specific areas. Returns in 1966, compared with those for earlier years, reflect adjustment by farmers on specified farms to meet changing physical and economic conditions. Weather has an important role in determining farm income. Year-to-year changes in weather tend to produce corresponding changes in crop production, and these changes in turn affect livestock production and farm expenses and income. Farm size, intensity of land use, investment per farm, and the proportions invested in real estate, machinery, and livestock vary among types of farms and considerably affect farm incomes.

This report was prepared in the Farm Production Economics Division, Economic Research Service, by Wylie D. Goodsell, J. Albert Evans, Erling Hole, Edgar B. Hurd, Owen K. Shugars, Edwin G. Strand, and Isabel Jenkins.

John H. Bondurant, University of Kentucky, cooperated in preparing estimates for the tobacco-livestock farms in the Bluegrass area of Kentucky and the Pennyroyal area of Kentucky-Tennessee. Luther H. Keller, University of Tennessee, also cooperated in preparing estimates for the tobacco-livestock farms in the Pennyroyal area. James R. Gray, New Mexico State University, cooperated in preparing estimates for the livestock ranches in the Southwestern and Northern Plains areas. R. G. Latimer, Rutgers University, cooperated in preparing estimates for the egg-producing farms in New Jersey. William T. McAllister, University of Delaware, cooperated in preparing estimates for the broiler farms in the Delmarva area. Frank D. Reed, University of Maine, cooperated in preparing estimates for the broiler farms in Maine.



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# FARM COSTS AND RETURNS: COMMERCIAL FARMS BY TYPE, SIZE, AND LOCATION

## IN GENERAL

### Net Farm Income Changes on Typical Farms

Net farm incomes in 1966 were higher than in 1965 on 34 of 44 important types of commercial farms located in 25 major farming areas of the United States (tables 1 and 2). Net farm incomes were lower than in 1965 on nine types of farms and about the same in both years on one type. Increases in net income ranged from 2 percent on small cotton farms in the Mississippi Delta to 84 percent on egg-producing farms in New Jersey. Increases in income exceeded 20 percent on half of the farm types which had higher incomes in 1966.

Declines in net farm income from 1965 levels ranged from 1 percent to 75 percent. For all but two of the farm types, reductions in income were in the magnitude of 10 percent or less. Income declined 75 percent on cotton-specialty crop farms in the San Joaquin Valley and 27 percent on broiler-crop farms in Delmarva. Cotton-specialty crop farmers suffered a sharp decline in potato prices in 1966 and incomes dropped. However, net returns on cotton-specialty crop farms in 1965 were more than double the previous 5-year average. Incomes declined on broiler-crop farms in Delmarva because of a substantial reduction in crop yields.

Net farm incomes in 1966 as compared with the 5-year period (1960-64) were higher on 37 farm types, lower on six types and about the same on one type.

As with net income, gross farm income in 1966 was higher than in 1965 on 34 of the 44 types of farms (table 3). Of the nine farm types with lower gross incomes in 1966 seven were cotton farms. Operating expenses rose on 33 types of farms, remained the same on one type and declined on 10 types. Nine of those with lower expenses in 1966 were cotton farms. On many cotton farms in 1966, substantial diversion of cotton acreage under the cotton program reduced both gross income and operating expenses.

Most of the farm types that had higher net farm incomes in 1966 either received higher prices for products sold or had greater farm production or both (tables 4 and 5). Exceptions were the small and large-scale cotton farms in the Mississippi Delta and irrigated cotton farms in the Texas High Plains. Net farm production on these three types of farms was less than in 1965, and prices received averaged the same as or lower than in 1965. Higher Government payments and lower operating expenses were important factors leading to higher net incomes on these three farms in 1966.

With the exception of hog-beef fattening farms in the Corn Belt, all the farm types with lower net incomes in 1966 either received lower prices for products sold or reduced farm production or both. Higher operating expenses, due chiefly to higher prices paid for feeder calves, more than offset increased farm production and slightly higher prices



TABLE 1. --Net farm income, specified types of commercial farms, 1966 with comparisons

Type of farm and location	AVERAGE 1960-64	1965	1966 <sup>1</sup>
	Dollars	Dollars	Dollars
Dairy farms:			
Central Northeast.....	4,118	4,378	6,531
Eastern Wisconsin:			
Grade A.....	6,429	6,104	9,650
Grade B.....	3,284	2,948	4,927
Western Wisconsin, Grade B.....	4,109	4,454	6,707
Dairy-hog farms, Southeastern Minnesota.....	4,334	5,274	8,004
Egg-producing farms, New Jersey.....	3,416	4,535	8,336
Broiler farms:			
Maine.....	3,275	2,751	3,210
Delmarva:			
Broilers.....	2,049	2,738	2,864
Broiler-crop.....	5,978	9,026	6,589
Georgia.....	819	1,547	2,246
Corn Belt farms:			
Hog-dairy.....	6,975	10,216	13,589
Hog fattening--beef raising.....	3,805	7,853	8,631
Hog-beef fattening.....	8,998	15,708	14,522
Cash grain.....	11,708	14,964	16,110
Cotton farms:			
Southern Piedmont.....	2,656	2,558	2,511
Mississippi Delta:			
Small.....	2,207	2,367	2,407
Large-scale.....	32,506	30,631	38,248
Texas:			
Black Prairie.....	3,985	4,661	6,875
High Plains (nonirrigated).....	8,901	9,678	13,629
High Plains (irrigated).....	16,414	16,950	17,914
San Joaquin Valley, Calif. (irrigated):			
Cotton-specialty crop.....	35,111	82,750	21,087
Cotton-general crop (medium-sized).....	28,946	26,282	25,540
Cotton-general crop (large).....	87,030	73,740	66,794
Peanut-cotton farms, Southern Coastal Plains.....	4,563	6,772	6,214
Tobacco farms:			
North Carolina Coastal Plain:			
Tobacco.....	6,350	5,303	6,163
Tobacco-cotton.....	6,400	4,975	6,045
Kentucky Bluegrass:			
Tobacco-livestock, Inner area.....	7,827	7,929	9,367
Tobacco-dairy, Intermediate area.....	2,863	3,056	3,642
Tobacco-dairy, Outer area.....	5,370	5,866	6,543
Pennsylvania area, Kentucky-Tennessee:			
Tobacco-beef.....	5,273	6,410	6,810
Tobacco-dairy.....	5,467	6,870	7,617
Spring wheat farms:			
Northern Plains:			
Wheat-small grain-livestock.....	6,672	9,716	10,500
Wheat-corn-livestock.....	7,540	10,774	11,708
Wheat-fallow.....	6,688	10,017	12,782
Winter wheat farms:			
Southern Plains:			
Wheat.....	10,421	11,014	11,546
Wheat-grain sorghum.....	10,199	11,789	12,731
Pacific Northwest:			
Wheat-pea.....	14,414	18,874	23,455
Wheat-fallow.....	13,807	14,171	22,057
Cattle ranches:			
Northern Plains.....	6,387	7,599	7,549
Intermountain Region.....	9,521	8,811	9,982
Southwest.....	5,996	6,146	7,293
Sheep ranches:			
Northern Plains.....	10,067	14,695	13,217
Utah-Nevada.....	12,966	18,158	17,872
Southwest.....	7,477	9,312	11,778

<sup>1</sup> Preliminary:

Note: Information presented here is on an owned-operator basis primarily for comparability between types of farms. Net farm income is the return to operator and unpaid members of the family for their labor and management on the farm and return to total capital. No allowance has been made for payment of rent, interest or mortgage.

TABLE 2. --Net farm income in 1966 as a percentage of 1965 and 1956-65

Type of farm and location	1966 as a percentage of--		Type of farm and location	1966 as a percentage of--	
	AVERAGE 1960-64	1965		AVERAGE 1960-64	1965
Dairy farms:					
Central Northeast.....	159	149	Peanut-cotton farms, Southern Coastal Plains.....	136	92
Eastern Wisconsin:			Tobacco farms:		
Grade A.....	150	158	North Carolina Coastal Plain:		
Grade B.....	150	167	Tobacco.....	97	116
Western Wisconsin, Grade B.....	163	151	Tobacco-cotton.....	94	122
Dairy-hog farms, Southeastern Minnesota.....	185	152	Kentucky Bluegrass:		
Egg-producing farms, New Jersey.....	244	184	Tobacco-livestock, Inner area.....	120	118
Broiler farms:			Tobacco-dairy, Intermediate area.....	127	119
Maine.....	98	117	Tobacco-dairy, Outer area.....	122	112
Delmarva:			Pennroyal area, Kentucky-Tennessee:		
Broilers.....	140	105	Tobacco-beef.....	129	106
Broiler-crop.....	110	73	Tobacco-dairy.....	139	111
Georgia.....	274	145	Spring wheat farms:		
Corn Belt-farms:			Northern Plains:		
Hog-dairy.....	195	133	Wheat-small grain-livestock.....	157	108
Hog fattening--beef raising.....	227	110	Wheat-corn-livestock.....	155	109
Hog-beef fattening.....	161	92	Wheat-fallow.....	191	128
Cash grain.....	138	108	Winter wheat farms:		
Cotton farms:			Southern Plains:		
Southern Piedmont.....	95	98	Wheat.....	111	105
Mississippi Delta:			Wheat-grain sorghum.....	125	108
Small.....	109	102	Pacific Northwest:		
Large-scale.....	118	125	Wheat-pea.....	163	124
Texas:			Wheat-fallow.....	160	156
Black Prairie.....	173	148	Cattle ranches:		
High Plains (nonirrigated).....	153	141	Northern Plains.....	118	99
High Plains (irrigated).....	109	106	Intermountain Region.....	105	113
San Joaquin Valley, Calif. (irrigated):			Southwest.....	122	119
Cotton-specialty crop.....	60	25	Sheep ranches:		
Cotton-general crop (medium-sized).....	88	97	Northern Plains.....	131	90
Cotton-general crop (large).....	77	91	Utah-Nevada.....	138	98
			Southwest.....	158	126

TABLE 3. --Resources, costs and returns per farm, specified types of commercial farms, 1966<sup>1</sup>

Type of farm and location <sup>2</sup>	Size of farm as measured by;	Total farm capital Jan. 1	Gross farm income <sup>3</sup>	Operating expenses <sup>4</sup>	Return per hour to operator and family labor	
					Current interest rates	4.1 percent interest <sup>5</sup>
		Dollars	Dollars	Dollars	Dollars	Dollars
Dairy farms:						
Central Northeast.....	33.8 Cows	50,400	18,971	12,440	.98	1.21
Eastern Wisconsin:						
Grade A.....	33.3 do.	81,640	21,093	11,443	1.29	1.58
Grade B.....	21.8 do.	55,140	12,022	7,095	.54	.75
Western Wisconsin, Grade B.....	25.3 do.	41,680	13,068	6,361	1.15	1.30
Dairy-hog farms, Southeastern Minnesota..	22.0 do.	64,130	15,964	7,960	1.24	1.49
Egg-producing farms, New Jersey.....	5,300 layers	48,290	34,968	26,632	1.37	1.57
Broiler farms:						
Maine.....	80,082 produced annually	37,590	7,705	4,495	.49	.78
Delmarva:						
Broilers.....	61,966 do.	23,670	5,630	2,766	.83	1.08
Broiler-crop.....	68,720 do.	62,780	11,853	5,264	1.08	1.54
Georgia.....	37,157 do.	21,260	4,393	2,147	.60	.85
Corn Belt farms:						
Hog-dairy.....	149 acres of cropland	88,290	26,393	12,804	2.64	3.01
Hog fattening--beef raising.....	168 do.	80,610	17,676	9,045	1.33	1.71
Hog-beef fattening.....	227 do.	152,980	45,341	30,819	1.76	2.43
Cash grain.....	289 do.	203,180	28,692	12,582	2.29	3.67
Cotton farms:						
Southern Piedmont.....	110 do.	41,280	6,471	3,960	-.04	.31
Mississippi Delta:						
Small.....	42 do.	21,220	5,149	2,742	.69	.86
Large-scale.....	640 do.	367,080	78,726	40,478	( <sup>6</sup> )	( <sup>6</sup> )
Texas:						
Black Prairie.....	259 do.	75,370	13,233	6,358	1.19	1.68
High Plains (nonirrigated).....	501 do.	94,660	23,504	9,875	4.12	4.78
High Plains (irrigated).....	445 do.	154,790	33,565	15,651	3.77	4.67
San Joaquin Valley, Calif. (irrigated):						
Cotton-specialty crop.....	345 do.	339,880	106,302	85,215	( <sup>6</sup> )	( <sup>6</sup> )
Cotton-general crop (medium-sized)...	345 do.	337,380	73,363	47,823	( <sup>6</sup> )	( <sup>6</sup> )
Cotton-general crop (large).....	1,214 do.	1,159,330	220,282	153,488	( <sup>6</sup> )	( <sup>6</sup> )
Peanut-cotton farms, Southern Coastal						
Plains.....	92 do.	33,970	10,790	4,576	1.80	2.01
Tobacco farms:						
North Carolina Coastal Plain:						
Tobacco.....	48 do.	44,450	12,792	6,629	1.56	1.96
Tobacco-cotton.....	54 do.	48,980	13,186	7,141	1.34	1.76
Kentucky Bluegrass:						
Tobacco-livestock, Inner area.....	63 do.	120,740	18,590	9,223	1.07	1.77
Tobacco-dairy, Intermediate area....	25 do.	25,970	6,738	3,096	.69	.81
Tobacco-dairy, Outer area.....	44 do.	54,150	13,702	7,159	.83	1.01
Pennroyal area, Kentucky-Tennessee:						
Tobacco-beef.....	242 do.	107,750	16,255	9,445	.22	.75
Tobacco-dairy.....	180 do.	78,770	16,478	8,861	.81	1.10
Spring wheat farms:						
Northern Plains:						
Wheat-small grain-livestock.....	616 do.	70,890	16,901	6,401	2.73	3.14
Wheat-corn-livestock.....	408 do.	74,080	18,103	6,395	2.28	2.59
Wheat-fallow.....	656 do.	77,830	18,981	6,199	3.21	3.63
Winter wheat farms:						
Southern Plains:						
Wheat.....	616 do.	137,070	19,529	7,983	1.35	2.02
Wheat-grain sorghum.....	708 do.	149,920	24,577	11,846	1.58	2.35
Pacific Northwest:						
Wheat-pea.....	560 do.	231,220	37,502	14,047	3.53	4.62
Wheat-fallow.....	1,114 do.	199,170	34,129	12,072	3.17	3.99
Cattle ranches:						
Northern Plains.....	113.0 cows	100,470	16,312	8,763	.59	.99
Intermountain Region.....	155.7 do.	100,630	18,895	8,913	1.11	1.46
Southwest.....	148.3 do.	205,420	17,619	10,326	-1.67	-.47
Sheep ranches:						
Northern Plains.....	1,307 sheep	123,900	27,944	14,727	1.75	2.22
Utah-Nevada.....	2,217 do.	183,330	43,406	25,534	2.11	2.80
Southwest.....	1,278 do.	254,950	24,685	12,907	-.85	.50

<sup>1</sup> Preliminary. <sup>2</sup> All except cotton farms in California and large-scale cotton farms in the Mississippi Delta are family operated. <sup>3</sup> Includes income from farming and government payments. <sup>4</sup> Excludes rent and interest payments.

<sup>5</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged to production credit associations on loans outstanding. <sup>6</sup> Not applicable.



TABLE 4. --Net farm production and productivity: Index numbers, specified types of commercial farms, 1966, with comparisons

(1957-59 = 100)

Type of farm and location	Net farm production			Crop yield per acre <sup>1</sup>		
	AVERAGE 1960-64	1965	1966 <sup>2</sup>	AVERAGE 1960-64	1965	1966 <sup>2</sup>
Dairy farms:						
Central Northeast.....	118	131	137	104	102	110
Eastern Wisconsin:						
Grade A.....	119	121	128	109	105	114
Grade B.....	118	113	119	108	104	112
Western Wisconsin, Grade B.....	115	120	125	106	110	114
Dairy-hog farms, Southeastern Minnesota.....	113	120	132	107	112	127
Egg-producing farms, New Jersey.....	123	164	157	---	---	---
Broiler farms:						
Maine.....	112	126	140	---	---	---
Delmarva:						
Broilers.....	137	171	188	---	---	---
Broiler-crop.....	120	172	130	---	---	---
Georgia.....	109	131	144	---	---	---
Corn Belt farms:						
Hog-dairy.....	110	122	131	104	116	127
Hog fattening--beef raising.....	117	165	161	104	131	126
Hog-beef fattening.....	117	133	144	110	120	129
Cash grain.....	132	158	151	119	132	119
Cotton farms:						
Southern Piedmont.....	118	126	106	109	123	113
Mississippi Delta:						
Small.....	123	128	100	114	121	112
Large-scale.....	123	127	103	112	118	114
Texas:						
Black Prairie.....	128	154	169	104	118	149
High Plains (nonirrigated).....	116	127	122	100	100	119
High Plains (irrigated).....	118	132	101	108	112	106
San Joaquin Valley, Calif. (irrigated):						
Cotton-specialty crop.....	105	103	93	107	105	103
Cotton-general crop (medium-sized).....	103	105	89	101	104	95
Cotton-general crop (large).....	105	103	86	101	104	95
Peanut-cotton farms, Southern Coastal Plains...	155	190	154	127	159	135
Tobacco farms:						
North Carolina Coastal Plain:						
Tobacco.....	131	107	114	128	124	118
Tobacco-cotton.....	133	107	111	125	120	114
Kentucky Bluegrass:						
Tobacco-livestock, Inner area.....	115	113	117	111	115	137
Tobacco-dairy, Intermediate area.....	113	113	115	111	116	137
Tobacco-dairy, Outer area.....	122	128	126	112	122	133
Pennyroyal area, Kentucky-Tennessee:						
Tobacco-beef.....	132	145	145	119	126	128
Tobacco-dairy.....	148	171	169	117	122	125
Spring wheat farms:						
Northern Plains:						
Wheat-small grain-livestock.....	122	155	143	134	168	151
Wheat-corn-livestock.....	113	143	140	119	145	139
Wheat-fallow.....	154	216	212	148	192	179
Winter wheat farms:						
Southern Plains:						
Wheat.....	116	125	106	111	126	109
Wheat-grain sorghum.....	121	132	119	113	113	111
Pacific Northwest:						
Wheat-pea.....	107	137	133	106	130	121
Wheat-fallow.....	94	100	118	94	85	98
Cattle ranches:						
Northern Plains.....	110	127	119	96	100	92
Intermountain Region.....	100	102	98	98	104	97
Southwest.....	110	112	113	96	98	101
Sheep ranches:						
Northern Plains.....	106	106	103	96	102	92
Utah-Nevada.....	99	103	102	98	108	95
Southwest.....	104	106	120	96	98	101

<sup>1</sup> Range conditions on ranches.

<sup>2</sup> Preliminary.

TABLE 5. --Prices received and paid by farmers: Index numbers specified types of commercial farms, 1966, with comparisons  
(1957-59 = 100)

Type of farm and location	Prices received for products sold			Prices paid, including wages to hired labor		
	AVERAGE 1960-64	1965	1966 <sup>1</sup>	AVERAGE 1960-64	1965	1966 <sup>1</sup>
Dairy farms:						
Central Northeast.....	96	97	108	104	107	111
Eastern Wisconsin:						
Grade A.....	101	103	124	108	113	116
Grade B.....	101	106	128	107	112	116
Western Wisconsin, Grade B.....	101	106	127	108	112	116
Dairy-hog farms, Southeastern Minnesota.....	101	108	127	109	114	118
Egg-producing farms, New Jersey.....	95	90	107	93	91	96
Broiler farms:						
Maine.....	105	92	92	108	108	112
Delmarva:						
Broilers.....	109	113	116	111	122	127
Broiler-crop.....	107	105	118	108	114	118
Georgia.....	92	103	117	106	113	117
Corn Belt farms:						
Hog-dairy.....	98	113	129	108	115	120
Hog fattening--beef raising.....	98	110	123	107	106	110
Hog-beef fattening.....	96	106	107	107	103	113
Cash-grain.....	104	109	125	110	116	120
Cotton farms:						
Southern Piedmont.....	99	95	90	<sup>2</sup> 105	117	118
Mississippi Delta:						
Small.....	101	98	98	103	108	109
Large-scale.....	102	98	98	104	111	114
Texas:						
Black Prairie.....	103	100	92	104	107	110
High Plains (nonirrigated).....	101	93	79	106	111	116
High Plains (irrigated).....	101	94	79	106	111	114
San Joaquin Valley, Calif. (irrigated):						
Cotton-specialty crop.....	108	164	99	107	117	114
Cotton-general crop (medium-sized).....	107	106	101	105	110	114
Cotton-general crop (large).....	106	106	100	105	111	115
Peanut-cotton farms, Southern Coastal Plains...	99	104	109	95	103	105
Tobacco farms:						
North Carolina Coastal Plain:						
Tobacco.....	105	111	120	108	115	122
Tobacco-cotton.....	105	109	118	112	115	122
Kentucky Bluegrass:						
Tobacco-livestock, Inner area.....	97	101	108	104	111	115
Tobacco-dairy, Intermediate area.....	100	104	115	105	110	113
Tobacco-dairy, Outer area.....	99	104	114	106	111	115
Pennyroyal area, Kentucky-Tennessee:						
Tobacco-beef.....	98	103	111	106	111	116
Tobacco-dairy.....	97	101	111	107	112	118
Spring wheat farms:						
Northern Plains:						
Wheat-small grain-livestock.....	99	87	100	105	109	112
Wheat-corn-livestock.....	101	104	117	108	112	114
Wheat-fallow.....	100	87	102	106	111	113
Winter wheat farms:						
Southern Plains:						
Wheat.....	95	81	95	108	108	115
Wheat-grain sorghum.....	97	85	102	104	103	107
Pacific Northwest:						
Wheat-pea.....	100	87	100	105	108	109
Wheat-fallow.....	98	80	94	106	110	115
Cattle ranches:						
Northern Plains.....	100	99	110	97	99	105
Intermountain Region.....	94	92	105	109	114	119
Southwest.....	93	94	105	109	113	122
Sheep ranches:						
Northern Plains.....	93	112	111	100	106	111
Utah-Nevada.....	92	107	109	109	118	120
Southwest.....	91	99	105	108	115	123

<sup>1</sup> Preliminary.

<sup>2</sup> Includes cropper labor.

received on hog-beef fattening farms.

Prices received for products sold in 1966 as compared with 1965 advanced on 32 of the farm types, remained unchanged on three and declined on nine (table 4). Prices received were higher in 1966 than in the 5-year period on 31 of the farm types, lower on 11 and the same on two types.

Net farm production in 1966 was below 1965 production on 25 of the 44 types of farms, about the same on one type and greater on 18 types (table 5). Production declined in 1966 on all the cotton farms studied, except in the Black Prairie of Texas, and on all the wheat farms, except wheat-fallow farms in the Pacific Northwest. Production was greater than in 1965 on these two types of farms because of substantial increases in yields per acre. Compared with the 5-year period net farm production in 1966 was higher on 30 of the 44 farm types. Other Summary measures can be found on tables 6 to 8 on pages 8 to 10.

### Net Farm Income Changes on All U.S. Farms

Total net farm income (including net change in inventory) for all farms in the United States was \$16.1 billion in 1966. This was almost a billion dollars more than in 1965 and was the second highest on record. Net farm income per farm averaged \$4,955 in 1966, compared with \$4,493 in 1965 (fig. 2). The increase of 10 percent in net farm income per farm resulted from an increase of 6 percent in total net farm income and a decline of 4 percent in the number of farms.

Realized gross farm income in 1966 totaled \$49.5 billion, a new high

record, exceeding the 1965 figure by 10 percent. Receipts from sales of livestock and livestock products were up 13 percent and receipts from sales of crops were up 5 percent. Government payments to farmers for participating in farm programs were about a third larger in 1966 than in 1965.

Receipts from marketings of livestock and livestock products were estimated at \$24.7 billion in 1966, an increase of about \$2.8 billion from the previous year. Receipts from cattle were up about \$1.5 billion and from hogs about \$300 million, mainly because of higher prices received. Dairy products brought over \$500 million more in 1966 than in 1965, due to the sharp rise in the average wholesale price of milk, even though the quantity of milk sold was slightly less in 1966. Cash receipts from broilers, eggs, and turkeys were up about \$130 million, \$300 million, and \$70 million, respectively. Prices received for eggs averaged 16 percent higher than in 1965.

Receipts from crop marketings in 1966 were estimated at \$18.2 billion, a total of \$900 million more than in 1965. Contributing to this increase were mainly the larger receipts from sales of wheat, corn, soybeans, sorghum grain, truck crops, fruits, nuts, and tobacco. Cash receipts from marketings of cotton were down primarily because of a sharp reduction in production, and receipts from potatoes were smaller because of lower prices.

Government payments direct to farmers were reported at \$3,272 million in 1966, compared with \$2,452 million in 1965. The major part of the increase came from the cotton program payments, which amounted to \$773 million in 1966, compared with \$70 million in 1965.



TABLE 6. --Operating expense and total cost per unit of production: Index numbers, specified types of commercial farms, 1966, with comparisons

(1957-59 = 100)

Type of farm and location	Operating expense per unit of production			Total cost per unit of production		
	AVERAGE 1960-64	1965	1966 <sup>1</sup>	AVERAGE 1960-64	1965	1966 <sup>1</sup>
Dairy farms:						
Central Northeast.....	107	112	114	104	107	107
Eastern Wisconsin:						
Grade A.....	104	118	117	102	114	112
Grade B.....	99	114	115	100	116	115
Western Wisconsin, Grade B.....	101	111	110	102	109	108
Dairy-hog farms, Southeastern Minnesota.....	111	118	115	106	111	106
Egg-producing farms, New Jersey.....	90	82	88	91	84	90
Broiler farms:						
Maine.....	108	108	103	105	107	103
Delmarva:						
Broilers.....	93	94	100	104	108	111
Broiler-crop.....	100	88	124	103	90	128
Georgia.....	108	101	100	106	102	104
Corn Belt farms:						
Hog-dairy.....	116	121	124	108	111	113
Hog fattening--beef raising.....	117	112	121	108	94	104
Hog-beef fattening.....	112	113	120	106	104	111
Cash grain.....	96	102	117	91	100	116
Cotton farms:						
Southern Piedmont.....	99	104	114	100	107	126
Mississippi Delta:						
Small.....	97	102	116	93	97	117
Large-scale.....	85	85	92	87	92	108
Texas:						
Black Prairie.....	99	100	90	100	100	94
High Plains (nonirrigated).....	114	103	107	122	110	116
High Plains (irrigated).....	100	100	111	101	103	120
San Joaquin Valley, Calif. (irrigated):						
Cotton-specialty crop.....	111	126	130	111	125	132
Cotton-general crop (medium-sized).....	110	115	130	109	115	134
Cotton-general crop (large).....	112	120	140	111	120	143
Peanut-cotton farms, Southern Coastal Plains..	93	85	96	88	83	97
Tobacco farms:						
North Carolina Coastal Plain:						
Tobacco.....	95	107	115	93	107	113
Tobacco-cotton.....	95	110	116	93	110	115
Kentucky Bluegrass:						
Tobacco-livestock, Inner area.....	102	108	107	101	108	108
Tobacco-dairy, Intermediate area.....	102	106	109	100	104	107
Tobacco-dairy, Outer area.....	103	111	119	101	107	117
Pennyroyal area, Kentucky-Tennessee:						
Tobacco-beef.....	103	111	118	103	114	124
Tobacco-dairy.....	106	114	124	99	106	117
Spring wheat farms:						
Northern Plains:						
Wheat-small grain-livestock.....	97	68	76	99	72	82
Wheat-corn-livestock.....	97	85	93	97	87	95
Wheat-fallow.....	89	57	62	93	62	67
Winter wheat farms:						
Southern Plains:						
Wheat.....	99	108	128	98	110	133
Wheat-grain sorghum.....	102	98	114	97	94	109
Pacific Northwest:						
Wheat-pea.....	109	91	97	107	92	98
Wheat-fallow.....	116	116	107	119	126	115
Cattle ranches:						
Northern Plains.....	95	94	107	98	93	107
Intermountain Region.....	118	127	142	116	121	134
Southwest.....	111	110	115	109	114	123
Sheep ranches:						
Northern Plains.....	102	99	107	99	101	110
Utah-Nevada.....	111	116	119	109	113	118
Southwest.....	106	103	97	108	112	108

<sup>1</sup> Preliminary.

TABLE 7. --Production per hour of labor and per unit of input: Index numbers, specified type of commercial farms, 1960-64 and 1964-66 averages

(1957-59 = 100)

Type of farm and location	Production per hour of man labor		Production per unit of input	
	1960-64	1964-66	1960-64	1964-66
Dairy farms:				
Central Northeast.....	113	125	103	105
Eastern Wisconsin:				
Grade A.....	113	118	107	106
Grade B.....	113	118	108	105
Western Wisconsin, Grade B.....	113	114	108	104
Dairy-hog farms, Southeastern Minnesota.....	108	117	103	105
Egg-producing farms, New Jersey.....	127	162	104	111
Broiler farms:				
Maine.....	113	121	105	108
Delmarva:				
Broilers.....	103	112	108	115
Broiler-crop.....	107	114	108	111
Georgia.....	116	131	105	117
Corn Belt farms:				
Hog-dairy.....	108	118	101	106
Hog fattening--beef raising.....	111	152	101	114
Hog-beef fattening.....	114	123	102	104
Cash grain.....	148	158	120	116
Cotton farms:				
Southern Piedmont.....	116	133	109	114
Mississippi Delta:				
Small.....	130	153	114	116
Large-scale.....	153	188	121	126
Texas:				
Black Prairie.....	140	188	108	119
High Plains (nonirrigated).....	113	121	99	88
High Plains (irrigated).....	120	133	106	100
San Joaquin Valley, Calif. (irrigated):				
Cotton-specialty crop.....	104	107	97	94
Cotton-general crop (medium-sized).....	103	108	97	94
Cotton-general crop (large).....	102	106	95	91
Peanut-cotton farms, Southern Coastal Plains.....	144	176	116	129
Tobacco farms:				
North Carolina Coastal Plain:				
Tobacco.....	119	128	118	115
Tobacco-cotton.....	117	124	120	113
Kentucky Bluegrass:				
Tobacco-livestock, Inner area.....	107	119	106	107
Tobacco-dairy, Intermediate area.....	114	120	110	113
Tobacco-dairy, Outer area.....	112	117	108	108
Pennyroyal area, Kentucky-Tennessee:				
Tobacco-beef.....	113	118	108	106
Tobacco-dairy.....	124	134	113	112
Spring wheat farms:				
Northern Plains:				
Wheat-small grain-livestock.....	133	163	124	150
Wheat-corn-livestock.....	123	134	112	121
Wheat-fallow.....	143	180	142	182
Winter wheat farms:				
Southern Plains:				
Wheat.....	111	101	106	97
Wheat-grain sorghum.....	119	119	110	103
Pacific Northwest:				
Wheat-pea.....	107	131	99	118
Wheat-fallow.....	93	102	90	98
Cattle ranches:				
Northern Plains.....	110	106	105	109
Intermountain Region.....	98	95	96	93
Southwest.....	103	101	103	101
Sheep ranches:				
Northern Plains.....	117	130	104	106
Utah-Nevada.....	99	102	99	101
Southwest.....	99	105	102	104

TABLE 8. --Return per \$100 invested with operator and family labor at wage rates paid for hired labor, specified types of commercial farms, averages 1956-65 and 1964-66

Type of farm and location	1956-65	1964-66	Type of farm and location	1956-65	1964-66
<u>Dollars</u>	<u>Dollars</u>	<u>Dollars</u>	<u>Dollars</u>	<u>Dollars</u>	<u>Dollars</u>
Dairy farms:			Peanut-cotton farms, Southern Coastal Plains.....	13.80	16.34
Central Northeast.....	3.37	3.08	Tobacco farms:		
Eastern Wisconsin:			North Carolina Coastal Plain:		
Grade A.....	3.19	3.68	Tobacco.....	9.66	9.71
Grade B.....	-1.76	-72	Tobacco-cotton.....	8.68	8.28
Western Wisconsin, Grade B.....	.34	1.14	Kentucky Bluegrass:		
Dairy-hog farms, Southeastern Minnesota....	1.26	2.47	Tobacco-livestock, Inner area.....	5.04	4.40
Egg-producing farms, New Jersey.....	-2.46	1.21	Tobacco-dairy, Intermediate area.....	-1.11	-79
Broiler farms:			Tobacco-dairy, Outer area.....	3.97	3.48
Maine.....	3.37	1.14	Pennroyal area, Kentucky-Tennessee:		
Delmarva:			Tobacco-beef.....	4.25	3.08
Broilers.....	N. A.	3.56	Tobacco-dairy.....	5.02	3.76
Broiler-crop.....	8.46	7.80	Spring wheat farms:		
Georgia.....	-41	1.21	Northern Plains:		
Corn Belt farms:			Wheat-small grain-livestock.....	7.03	10.13
Hog-dairy.....	5.15	7.50	Wheat-corn-livestock.....	7.18	8.99
Hog fattening--beef raising.....	1.46	4.45	Wheat-fallow.....	5.66	9.93
Hog-beef fattening.....	5.41	6.39	Winter wheat farms:		
Cash grain.....	6.74	6.86	Southern Plains:		
Cotton farms:			Wheat.....	5.23	6.84
Southern Piedmont.....	4.32	3.59	Wheat-grain sorghum.....	4.94	5.17
Mississippi Delta:			Pacific Northwest:		
Small.....	6.78	7.24	Wheat-pea.....	5.50	6.06
Large-scale.....	10.05	9.12	Wheat-fallow.....	6.30	5.74
Texas:			Cattle ranches:		
Black Prairie.....	3.64	5.12	Northern Plains.....	3.27	3.86
High Plains (nonirrigated).....	9.53	7.19	Intermountain Region.....	7.08	4.41
High Plains (irrigated).....	10.96	8.73	Southwest.....	2.63	1.55
San Joaquin Valley, Calif. (irrigated):			Sheep ranches:		
Cotton-specialty crop.....	14.53	16.24	Northern Plains.....	6.90	8.61
Cotton-general crop (medium-sized).....	8.35	7.21	Utah-Nevada.....	7.14	7.00
Cotton-general crop (large).....	8.15	6.57	Southwest.....	2.89	2.54



Payments under the wheat program, totaling \$679 million, were 29 percent greater than in 1965, whereas feed grain program payments at \$1.2 billion were about 9 percent smaller.

Total production expenses in 1966, estimated at \$33.2 billion, were 8 percent higher than in 1965. Production expenses per farm averaged \$10,215, up 12 percent from 1965 (fig. 3). Nearly half of the increase in expenses resulted from larger outlays for feed and livestock purchasing. Feed prices averaged 5 percent higher and prices paid for feeder cattle and replacement livestock averaged 11 percent higher than a year earlier. Also, farmers bought more feed and more cattle for fattening in 1966.

Expenditures for fertilizer increased in 1966 mainly because larger quantities were used. Expenses for operation and repair of power equipment and machinery and for many miscellaneous items were larger than in 1965.

Total expenditure for hired labor in 1966 was about the same as in 1965. Wage rates were up about 8 percent, but fewer workers were hired.

Farm overhead costs continued to rise in 1966. The rapid rate and high level of capital accumulation in recent years and the higher prices of equipment resulted in a substantial increase in depreciation charges. Interest rates generally, and short-term interest charges particularly, were higher than in 1965. Also, farmers borrowed more money, so the total amount of farm debt (real estate and non-real estate) was larger than ever. Total interest payments were higher than in any previous year. Taxes on farm property generally were at record high levels.

## For Groups of Farms

Changes from 1965 in net farm income by type of farm demonstrated the usual variation. Some farm types showed substantially larger gains than the average for all farms in the United States. On the other hand, net farm income declined sharply on other types of farms.

Net farm incomes in 1966 averaged markedly above those of 1965 on all of the dairy farms studied. Both production and prices received were higher than in 1965, more than offsetting higher prices paid and increased operating expenses.

Changes from 1965 in net farm income on broiler farms were mixed. Three types showed increases ranging from 5 to 45 percent. However, on Delmarva broiler-crop farms income was down 27 percent because of a big drop in crop yields. Broiler production per farm increased in 1966; the contract payment rate ranged from about the same as in 1965 in Maine to an increase of 13 percent in Georgia. Broiler returns were up on all four types with Georgia showing the largest gain.

In the Corn Belt, income in 1966 ranged from 8 percent below 1965 on hog-beef fattening farms to 33 percent above 1965 on hog-dairy farms. Gains in production per farm and/or in prices received offset higher expenses on all Corn Belt farms except the hog-beef fattening farms.

Changes in net farm income on cotton farms in 1966 varied widely. On the 10 farm types studied, net returns were above 1965 levels on five and lower on five. Participation in the 1966 cotton program was high in all areas. This led to reduced

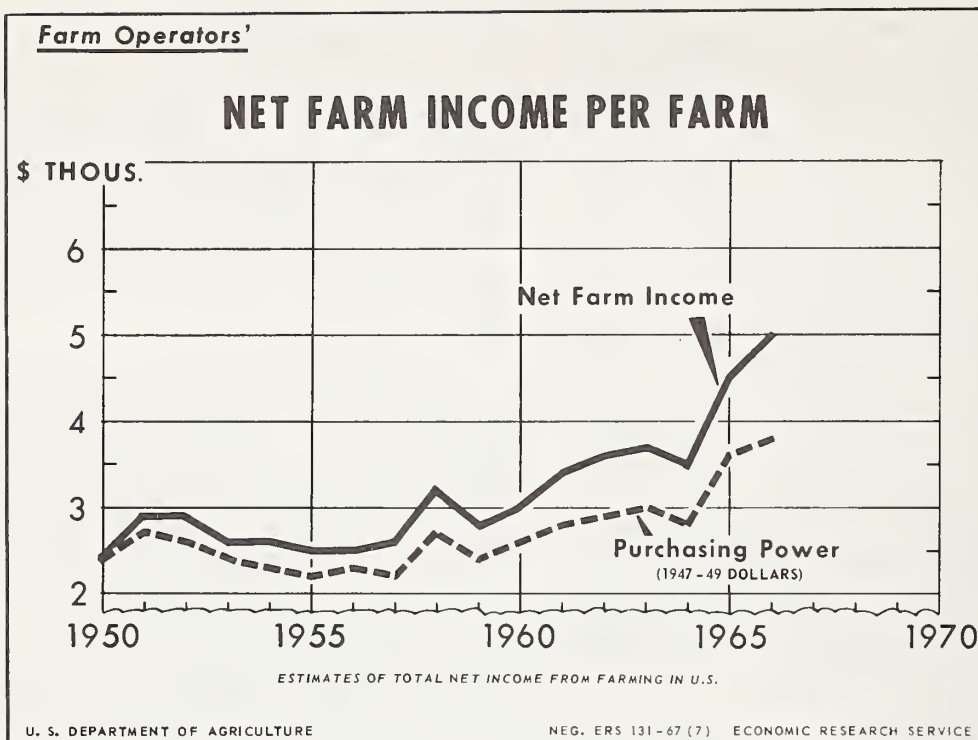


Figure 2

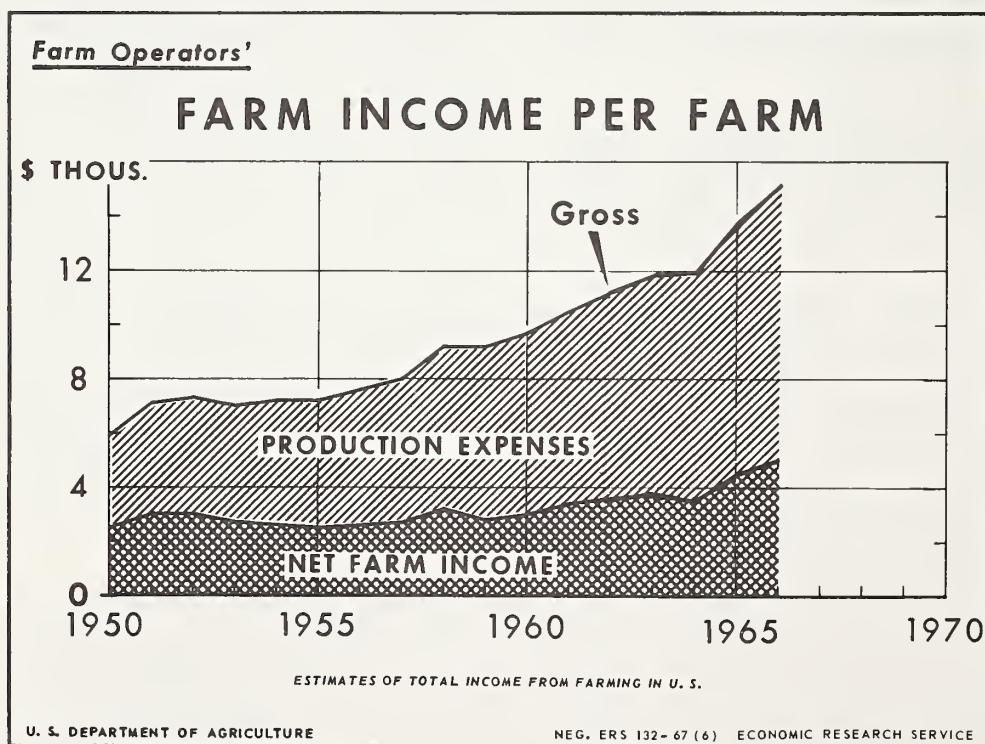


Figure 3

acres of cotton harvested per farm and higher Government payments as compared with 1965. Cotton yields per harvested acre in 1966 averaged below a year earlier on eight of the cotton farms studied. Reduced farm production and lower average prices received contributed to the decline in returns on four of the cotton farms. On peanut-cotton farms, prices received advanced 5 percent in 1966, but farm production was off sharply and net farm income was down 8 percent. Chiefly because of smaller cotton acres per farm, operating expenses on cotton and peanut-cotton farms averaged from about the same to 15 percent below 1965 levels. Lower expenses were important factors contributing to increased net returns on cotton farms in the Delta and irrigated cotton farms in the High Plains.

Net farm incomes in 1966 were greater than in 1965 on all seven types of tobacco farms studied. Prices received averaged from 7 to 11 percent above 1965. Net farm production increased on four of the seven types.

Net farm incomes in 1966 averaged from 5 to 56 percent higher than

in 1965 on the seven types of wheat farms for which estimates were made. Production was down on all except one type, and prices received were up on six of the seven farm types. On wheat-fallow farms in the Pacific Northwest both production per farm and prices received were well above 1965 averages, and net farm income advanced 56 percent.

Compared with 1965, net incomes in 1966 on western cattle ranches ranged from about the same on Northern Plains ranches to 19 percent higher in the Southwest. Prices received averaged above the 1965 levels in the three areas studied, but production and production conditions varied. Net ranch production declined in the Northern Plains and Intermountain Region. It remained about the same as in 1965 in the Southwest.

Changes from 1965 in net ranch income on sheep ranches ranged from a decline of 10 percent in the Northern Plains to an increase of 26 percent in the Southwest. Both production and prices received were lower in 1966 compared with a year earlier in the Northern Plains. Both were higher in the Southwest.

TABLE 9.--Dairy farms, Central Northeast: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	217	243	247	251
Cropland harvested.....	do.	81	90	91	94
Open pasture.....	do.	81	90	91	92
Crops harvested:					
Corn for silage.....	do.	10.7	12.9	14.2	14.5
Small grains.....	do.	14.1	13.1	11.8	12.6
Hay.....	do.	55.7	63.5	65.0	67.0
Crop yields per harvested acre:					
Corn for silage.....	Ton	10.3	11.3	11.9	13.1
Oats.....	Bushel	53.0	54.0	56.0	50.0
Hay.....	Ton	1.8	1.7	1.7	2.0
Livestock on farm, Jan. 1:					
All cattle.....	Number	40.4	48.0	48.9	49.0
Cows and heifers, 2 years old and over.....	do.	27.2	33.0	33.5	33.8
Chickens.....	do.	64	44	47	47
Milk production per cow.....	Pound	7,720	9,270	9,620	9,750
Tractors on farm.....	Number	1.78	2.15	2.25	2.29
Total labor used.....	Hour	4,350	4,610	4,630	4,470
Operator and family.....	do.	3,570	3,800	3,820	3,690
Hired.....	do.	780	810	810	780
Total farm capital, Jan. 1.....	Dollar	35,400	45,500	48,000	50,400
Land and buildings.....	do.	19,000	25,100	27,200	28,400
Machinery and equipment.....	do.	6,500	8,200	8,600	9,000
Livestock.....	do.	7,400	9,200	9,200	10,100
Crops.....	do.	2,500	3,000	3,000	2,900
Total cash receipts.....	do.	10,395	14,039	15,008	17,190
Dairy products.....	do.	8,849	12,423	13,262	15,094
Cattle and calves.....	do.	1,112	1,356	1,462	1,775
Poultry and eggs.....	do.	350	191	214	251
Other, including Government payments.....	do.	84	69	70	70
Value of perquisites.....	do.	939	1,010	1,067	1,153
Change in inventory of crops and livestock.....	do.	263	-92	25	628
Gross farm income.....	do.	11,597	14,957	16,100	18,971



TABLE 9. --Dairy farms, Central Northeast: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	7,415	10,962	12,000	12,746
Feed purchased.....	do.	2,245	3,884	4,610	4,965
Livestock purchased.....	do.	163	181	181	204
Other livestock expense.....	do.	312	446	463	479
Fertilizer and lime.....	do.	331	471	504	523
Other crop expense.....	do.	290	376	368	402
Machinery.....	do.	2,364	3,100	3,257	3,463
Farm buildings and fences.....	do.	373	580	605	625
Labor hired.....	do.	626	786	813	853
Taxes.....	do.	523	877	931	963
Other.....	do.	188	261	268	269
Inventory adjustment, machinery and buildings..	do.	-117	-269	-278	-306
Total operating expenses.....	do.	7,298	10,693	11,722	12,440
Net farm income.....	do.	4,299	4,264	4,378	6,531
Purchasing power in 1947-49 dollars.....	do.	3,643	3,467	3,475	5,063
Charge for capital at current interest rates...	do.	1,955	2,616	2,760	2,898
Return per hour, operator and family labor.....	do.	.66	.43	.42	.98
Charge for capital at 4.1 percent interest.....	do.	1,451	1,866	1,968	2,066
Return per hour, operator and family labor.....	do.	.80	.63	.63	1.21
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	129	139	164
Net farm income.....	---	100	99	102	152
Net farm production.....	---	100	128	131	137
Crop yields per acre.....	---	100	99	102	110
Production per hour of man labor.....	---	100	121	120	134
Production per unit of input.....	---	100	105	104	106
Operating expense per unit of production.....	---	100	108	112	114
Total cost per unit of production.....	---	100	104	107	107
Power and machinery (quantity).....	---	100	109	111	113
Prices received for products sold.....	---	100	95	97	108
Prices paid, including wages to hired labor..	---	100	106	107	111

<sup>1</sup> Preliminary.

TABLE 10.--Dairy farms, grade A, Eastern Wisconsin: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	157	180	184	188
Cropland harvested.....	do.	104	122	125	130
Open pasture.....	do.	32	27	28	28
Crops harvested:					
Corn for grain.....	do.	17.0	24.6	25.9	27.5
Corn for silage.....	do.	16.4	19.0	20.1	20.0
Small grains.....	do.	29.5	27.0	26.5	27.0
Hay.....	do.	35.7	44.7	45.6	47.7
Crop yields per harvested acre:					
Corn for grain.....	Bushel	66.4	80.9	78.1	86.7
Corn for silage.....	Ton	10.0	12.0	11.3	12.4
Oats.....	Bushel	59.3	56.8	63.0	57.6
Hay.....	Ton	2.7	2.7	2.4	2.8
Livestock on farm, Jan. 1:					
All cattle.....	Number	43.5	56.1	57.0	55.5
Cows and heifers, 2 years old and over.....	do.	27.2	33.3	34.2	33.3
Milk production per cow.....	Pound	9,440	10,710	10,710	10,800
Pigs raised.....	Number	35	28	26	29
Tractors on farm.....	do.	2.35	2.62	2.66	2.70
Total labor used.....	Hour	4,320	4,750	4,700	4,430
Operator and family.....	do.	3,900	4,270	4,230	3,990
Hired.....	do.	420	480	470	440
Total farm capital, Jan. 1.....	Dollar	52,610	72,010	75,470	81,640
Land and buildings.....	do.	30,060	41,580	43,970	47,840
Machinery and equipment.....	do.	9,500	12,880	13,530	14,330
Livestock.....	do.	9,260	11,360	11,460	12,610
Crops.....	do.	3,790	6,190	6,510	6,860
Total cash receipts.....	do.	11,365	15,766	16,269	19,000
Dairy products.....	do.	8,044	11,645	11,847	13,882
Cattle and calves.....	do.	1,629	1,958	2,358	2,797
Hogs.....	do.	1,171	905	1,065	1,173
Crops.....	do.	248	676	334	522
Other, including Government payments.....	do.	273	582	665	626
Value of perquisites.....	do.	994	1,154	1,231	1,356
Change in inventory of crops and livestock.....	do.	515	174	-495	737
Gross farm income.....	do.	12,874	17,094	17,005	21,093

TABLE 10.--Dairy farms, grade A, Eastern Wisconsin: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	8,194	11,044	11,616	12,279
Feed purchased.....	do.	944	1,296	1,469	1,553
Livestock purchased.....	do.	18	0	0	0
Other livestock expense.....	do.	502	740	806	826
Fertilizer and lime.....	do.	333	517	554	575
Other crop expense.....	do.	454	670	656	668
Machinery.....	do.	3,299	4,179	4,344	4,710
Farm buildings and fences.....	do.	1,153	1,482	1,550	1,635
Labor hired.....	do.	394	508	517	518
Taxes.....	do.	837	1,296	1,361	1,426
Other.....	do.	260	356	359	368
Inventory adjustment, machinery and buildings..	do.	-637	-681	-715	-836
Total operating expenses.....	do.	7,557	10,363	10,901	11,443
Net farm income.....	do.	5,317	6,731	6,104	9,650
Purchasing power in 1947-49 dollars.....	do.	4,531	5,472	4,844	7,481
Charge for capital at current interest rates...	do.	2,638	3,960	4,151	4,491
Return per hour, operator and family labor.....	do.	.69	.65	.46	1.29
Charge for capital at 4.1 percent interest.....	do.	2,157	2,952	3,094	3,347
Return per hour, operator and family labor.....	do.	.81	.89	.71	1.58
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	133	132	164
Net farm income.....	---	100	127	115	181
Net farm production.....	---	100	128	121	128
Crop yields per acre.....	---	100	109	105	114
Production per hour of man labor.....	---	100	117	112	125
Production per unit of input.....	---	100	108	101	108
Operating expense per unit of production.....	---	100	107	118	117
Total cost per unit of production.....	---	100	105	114	112
Power and machinery (quantity).....	---	100	117	121	123
Prices received for products sold.....	---	100	100	103	124
Prices paid, including wages to hired labor..	---	100	110	113	116

<sup>1</sup> Preliminary.

TABLE 11. --Dairy farms, grade B, Eastern Wisconsin: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	131	149	152	155
Cropland harvested.....	do.	77	90	92	95
Open pasture.....	do.	32	30	30	31
Crops harvested:					
Corn for grain.....	do.	8.9	14.6	15.4	16.2
Corn for silage.....	do.	10.4	11.2	12.0	12.0
Small grains.....	do.	25.3	25.5	25.0	25.5
Hay.....	do.	30.3	37.4	38.5	40.0
Crop yields per harvested acre:					
Corn for grain.....	Bushel	58.5	72.5	70.0	77.7
Corn for silage.....	Ton	8.8	10.6	10.0	11.0
Oats.....	Bushel	55.2	52.4	58.2	53.2
Hay.....	Ton	2.2	2.2	2.0	2.3
Livestock on farm, Jan. 1:					
All cattle.....	Number	29.1	35.0	35.3	34.2
Cows and heifers, 2 years old and over.....	do.	18.8	22.1	22.4	21.8
Chickens.....	do.	105	60	59	56
Milk production per cow.....	Pound	8,130	9,120	9,120	9,200
Pigs raised.....	Number	24	22	20	22
Tractors on farm.....	do.	1.85	2.00	2.02	2.04
Total labor used.....	Hour	3,620	3,880	3,850	3,620
Operator and family.....	do.	3,510	3,790	3,760	3,530
Hired.....	do.	110	90	90	90
Total farm capital, Jan. 1.....	Dollar	36,020	47,980	50,800	55,140
Land and buildings.....	do.	21,980	30,690	32,530	35,500
Machinery and equipment.....	do.	6,310	6,480	6,710	7,130
Livestock.....	do.	5,270	6,020	6,030	6,660
Crops.....	do.	2,460	4,790	5,530	5,850
Total cash receipts.....	do.	6,701	8,358	8,812	10,324
Dairy products.....	do.	4,242	5,895	6,036	7,218
Cattle and calves.....	do.	1,019	1,068	1,246	1,479
Hogs.....	do.	780	691	788	895
Poultry and eggs.....	do.	510	224	221	258
Crops.....	do.	116	174	172	145
Other, including Government payments.....	do.	34	306	349	329
Value of perquisites.....	do.	881	1,093	1,148	1,284
Change in inventory of crops and livestock....	do.	256	501	-241	414
Gross farm income.....	do.	7,838	9,952	9,719	12,022



TABLE 11. --Dairy farms, grade B, Eastern Wisconsin: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	5,260	6,511	6,934	7,346
Feed purchased.....	do.	838	836	912	966
Livestock purchased.....	do.	41	13	14	13
Other livestock expense.....	do.	348	500	542	557
Fertilizer and lime.....	do.	208	324	348	358
Other crop expense.....	do.	378	531	518	530
Machinery.....	do.	2,006	2,424	2,618	2,844
Farm buildings and fences.....	do.	581	654	706	750
Labor hired.....	do.	103	100	102	102
Taxes.....	do.	549	845	886	928
Other.....	do.	208	284	288	298
Inventory adjustment, machinery and buildings.	do.	63	-52	-163	-251
Total operating expenses.....	do.	5,323	6,459	6,771	7,095
Net farm income.....	do.	2,515	3,493	2,948	4,927
Purchasing power in 1947-49 dollars.....	do.	2,140	2,840	2,340	3,819
Charge for capital at current interest rates..	do.	1,805	2,639	2,794	3,033
Return per hour, operator and family labor....	do.	.20	.23	.04	.54
Charge for capital at 4.1 percent interest....	do.	1,477	1,967	2,083	2,261
Return per hour, operator and family labor....	do.	.30	.40	.23	.75
INDEX NUMBERS (1957-59 =100):					
Gross farm income.....	---	100	127	124	153
Net farm income.....	---	100	139	117	196
Net farm production.....	---	100	125	113	119
Crop yields per acre.....	---	100	107	104	112
Production per hour of man labor.....	---	100	116	107	130
Production per unit of input.....	---	100	110	100	105
Operating expense per unit of production....	---	100	101	114	115
Total cost per unit of production.....	---	100	102	116	115
Power and machinery (quantity).....	---	100	93	95	98
Prices received for products sold.....	---	100	100	106	128
Prices paid, including wages to hired labor.	---	100	110	112	116

<sup>1</sup> Preliminary.

TABLE 12. --Dairy farms, grade B, Western Wisconsin: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	169	192	196	200
Cropland harvested.....	do.	79	92	95	98
Open pasture.....	do.	41	41	41	42
Crops harvested:					
Corn for grain.....	do.	15.4	13.4	18.9	21.0
Corn for silage.....	do.	9.1	15.5	10.6	9.4
Small grains.....	do.	21.8	22.4	23.3	25.2
Hay.....	do.	32.1	40.4	41.6	41.6
Crop yields per harvested acre:					
Corn for grain.....	Bushel	63.5	49.8	74.7	79.8
Corn for silage.....	Ton	10.5	6.9	11.9	13.5
Oats.....	Bushel	52.1	45.0	61.2	53.9
Hay.....	Ton	2.4	1.9	2.3	2.5
Livestock on farm, Jan. 1:					
All cattle.....	Number	37.9	44.7	45.1	44.5
Cows and heifers, 2 years old and over.....	do.	20.9	24.8	25.4	25.3
Chickens.....	do.	108	50	49	46
Milk production per cow.....	Pound	7,760	8,810	8,810	8,880
Pigs raised.....	Number	22	21	20	22
Tractors on farm.....	do.	1.71	1.89	1.91	2.00
Total labor used.....	Hour	4,190	4,380	4,360	4,120
Operator and family.....	do.	3,840	4,090	4,070	3,850
Hired.....	do.	350	290	290	270
Total farm capital, Jan. 1.....	Dollar	27,680	38,770	39,140	41,680
Land and buildings.....	do.	14,800	22,120	23,170	24,040
Machinery and equipment.....	do.	3,860	4,390	4,570	4,860
Livestock.....	do.	6,400	7,280	7,300	8,170
Crops.....	do.	2,620	4,980	4,100	4,610
Total cash receipts.....	do.	7,117	8,989	9,690	11,994
Dairy products.....	do.	4,254	6,295	6,601	7,989
Cattle and calves.....	do.	1,492	1,422	1,555	1,956
Hogs.....	do.	725	673	791	909
Poultry and eggs.....	do.	479	165	162	188
Crops.....	do.	120	45	128	493
Other, including Government payments.....	do.	47	389	453	459
Value of perquisites.....	do.	749	846	903	994
Change in inventory of crops and livestock.....	do.	203	-1,071	103	80
Gross farm income.....	do.	8,069	8,764	10,696	13,068

TABLE 12. --Dairy farms, grade B, Western Wisconsin: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	4,542	5,842	6,349	6,583
Feed purchased.....	do.	711	745	980	878
Livestock purchased.....	do.	42	12	12	10
Other livestock expense.....	do.	313	448	491	517
Fertilizer and lime.....	do.	209	347	371	382
Other crop expense.....	do.	326	505	485	495
Machinery.....	do.	1,689	2,158	2,301	2,502
Farm buildings and fences.....	do.	385	431	501	555
Labor hired.....	do.	306	291	297	299
Taxes.....	do.	408	694	697	722
Other.....	do.	153	211	214	223
Inventory adjustment, machinery and buildings.	do.	136	-17	-107	-222
Total operating expenses.....	do.	4,678	5,825	6,242	6,361
Net farm income.....	do.	3,391	2,939	4,454	6,707
Purchasing power in 1947-49 dollars.....	do.	2,889	2,389	3,535	5,199
Charge for capital at current interest rates..	do.	1,387	2,132	2,153	2,292
Return per hour, operator and family labor....	do.	.52	.20	.57	1.15
Charge for capital at 4.1 percent interest....	do.	1,135	1,590	1,605	1,709
Return per hour, operator and family labor....	do.	.59	.33	.70	1.30
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	109	133	162
Net farm income.....	---	100	87	132	198
Net farm production.....	---	100	106	120	125
Crop yields per acre.....	---	100	81	110	114
Production per hour of man labor.....	---	100	101	115	127
Production per unit of input.....	---	100	96	106	111
Operating expense per unit of production....	---	100	117	111	110
Total cost per unit of production.....	---	100	118	109	108
Power and machinery (quantity).....	---	100	103	106	110
Prices received for products sold.....	---	100	99	106	127
Prices paid, including wages to hired labor.	---	100	111	112	116

<sup>1</sup> Preliminary.

TABLE 13.--Dairy-hog farms, Southeastern Minnesota: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	157	179	183	187
Cropland harvested.....	do.	96	109	112	117
Open pasture.....	do.	28	27	28	28
Crops harvested:					
Corn for grain.....	do.	30.7	37.2	39.5	44.1
Corn for silage.....	do.	9.8	12.7	12.7	10.0
Small grains.....	do.	28.9	26.4	25.7	27.9
Hay.....	do.	26.2	33.1	34.6	34.6
Crop yields per harvested acre:					
Corn for grain.....	Bushel	57.4	56.3	64.2	78.0
Corn for silage.....	Ton	9.9	8.2	9.9	12.7
Oats.....	Bushel	50.3	48.7	54.5	52.1
Hay.....	Ton	2.6	2.6	2.9	3.2
Livestock on farm, Jan. 1:					
All cattle.....	Number	32.5	38.4	39.1	38.1
Cows and heifers, 2 years old and over.....	do.	19.7	22.2	22.6	22.0
Chickens.....	do.	145	106	99	88
Milk production per cow.....	Pound	7,630	9,060	9,100	9,140
Pigs raised.....	Number	45	43	38	41
Tractors on farm.....	do.	1.81	2.25	2.28	2.30
Total labor used.....	Hour	3,930	4,240	4,160	3,900
Operator and family.....	do.	3,620	3,910	3,840	3,600
Hired.....	do.	310	330	320	300
Total farm capital, Jan. 1.....	Dollar	45,100	57,600	61,050	64,130
Land and buildings.....	do.	29,560	39,490	42,520	43,790
Machinery and equipment.....	do.	6,680	7,550	7,770	8,160
Livestock.....	do.	5,900	6,620	6,250	7,380
Crops.....	do.	2,960	3,940	4,510	4,800
Total cash receipts.....	do.	8,337	10,245	11,742	14,394
Dairy products.....	do.	4,380	6,215	6,397	7,418
Cattle and calves.....	do.	1,190	1,218	1,418	1,693
Hogs.....	do.	1,576	1,434	1,727	2,029
Poultry and eggs.....	do.	574	383	351	383
Crops.....	do.	568	486	1,185	2,214
Other, including Government payments.....	do.	49	509	664	657
Value of perquisites.....	do.	739	799	880	959
Change in inventory of crops and livestock....	do.	148	40	177	611
Gross farm income.....	do.	9,224	11,084	12,799	15,964



TABLE 13. --Dairy-hog farms, Southeastern Minnesota: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	5,276	7,462	7,848	8,412
Feed purchased.....	do.	688	905	887	977
Livestock purchased.....	do.	55	40	34	33
Other livestock expense.....	do.	263	446	462	485
Fertilizer and lime.....	do.	169	380	424	433
Other crop expense.....	do.	256	587	567	578
Machinery.....	do.	2,307	2,783	3,033	3,325
Farm buildings and fences.....	do.	514	873	982	1,049
Labor hired.....	do.	294	339	342	345
Taxes.....	do.	575	858	865	929
Other.....	do.	155	251	252	258
Inventory adjustment, machinery and buildings..	do.	-12	-193	-323	-452
Total operating expenses.....	do.	5,264	7,269	7,525	7,960
Net farm income.....	do.	3,960	3,815	5,274	8,004
Purchasing power in 1947-49 dollars.....	do.	3,374	3,102	4,185	6,205
Charge for capital at current interest rates...	do.	2,261	3,168	3,358	3,527
Return per hour, operator and family labor.....	do.	.47	.17	.50	1.24
Charge for capital at 4.1 percent interest.....	do.	1,849	2,362	2,503	2,629
Return per hour, operator and family labor.....	do.	.58	.37	.72	1.49
INDEX NUMBERS (1957-59 =100):					
Gross farm income.....	---	100	120	139	173
Net farm income.....	---	100	96	133	202
Net farm production.....	---	100	113	120	132
Crop yields per acre.....	---	100	98	112	127
Production per hour of man labor.....	---	100	105	114	133
Production per unit of input.....	---	100	99	103	113
Operating expense per unit of production.....	---	100	120	118	115
Total cost per unit of production.....	---	100	113	111	106
Power and machinery (quantity).....	---	100	99	101	102
Prices received for products sold.....	---	100	99	108	127
Prices paid, including wages to hired labor..	---	100	112	114	118

<sup>1</sup> Preliminary.

TABLE 14. --Egg-producing farms, New Jersey: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	10	10	10	10
Cropland harvested.....	do.	0	0	0	0
Laying hens on farm, Jan. 1.....	Number	4,687	5,100	5,200	5,300
Chickens raised.....	do.	3,042	2,964	2,726	2,862
Average number of layers on hand, during year.	do.	4,080	4,718	4,836	4,929
Rate of lay, eggs per layer on hand during year.....	do.	195	199	204	200
Total labor used.....	Hour	5,200	4,990	4,950	4,940
Operator and family.....	do.	4,280	4,090	4,050	4,050
Hired.....	do.	920	900	900	890
Total farm capital, Jan. 1.....	Dollar	42,090	45,370	46,700	48,290
Land and buildings.....	do.	32,850	35,960	37,120	38,230
Machinery and equipment.....	do.	1,890	2,270	2,300	2,370
Livestock.....	do.	7,350	7,140	7,280	7,690
Total cash receipts.....	do.	25,410	26,231	28,107	33,752
Eggs.....	do.	24,658	25,552	27,591	32,986
Cull layers.....	do.	752	679	516	766
Value of perquisites.....	do.	922	1,034	1,050	1,071
Change in inventory of crops and livestock....	do.	182	140	140	145
Gross farm income.....	do.	26,514	27,405	29,297	34,968

TABLE 14.--Egg-producing farms, New Jersey: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	25,487	24,967	24,762	26,632
Feed purchased.....	do.	19,286	19,297	19,167	20,810
Baby chicks.....	do.	1,419	1,123	1,033	1,110
Other poultry expense.....	do.	490	504	518	530
Machinery.....	do.	926	1,037	939	979
Brooder fuel.....	do.	183	127	120	126
Farm buildings.....	do.	1,530	916	925	942
Labor hired.....	do.	840	927	999	1,040
Taxes.....	do.	434	570	587	627
Telephone.....	do.	33	45	45	40
Electricity.....	do.	230	250	249	243
Insurance.....	do.	34	48	50	52
Miscellaneous expenses.....	do.	82	123	130	133
Inventory adjustment, machinery and buildings.	do.	-715	---	---	---
Total operating expenses.....	do.	24,772	24,967	24,762	26,632
Net farm income.....	do.	1,742	2,438	4,535	8,336
Purchasing power in 1947-49 dollars.....	do.	1,488	1,982	3,599	6,462
Charge for capital at current interest rates..	do.	2,317	2,609	2,685	2,777
Return per hour, operator and family labor....	do.	-.13	-.04	.46	1.37
Charge for capital at 4.1 percent interest....	do.	1,725	1,860	1,915	1,980
Return per hour, operator and family labor....	do.	( <sup>2</sup> )	.14	.65	1.57
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	103	110	112
Net farm income.....	---	100	140	260	479
Net farm production.....	---	100	142	164	157
Rate of lay.....	---	100	102	105	103
Production per hour of man labor.....	---	100	148	172	165
Production per unit of input.....	---	100	108	113	112
Operating expense per unit of production....	---	100	86	82	88
Total cost per unit of production.....	---	100	87	84	90
Power and machinery (quantity).....	---	100	97	97	96
Prices received for products sold.....	---	100	88	90	107
Prices paid, including wages to hired labor	---	100	92	91	96

<sup>1</sup> Preliminary. <sup>2</sup> Less than one.

TABLE 15.--Broiler farms, Maine: Organization, production, costs and returns,  
1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	102	88	88	88
Cropland harvested.....	do.	3.6	2.5	2.5	2.4
Hay harvested.....	do.	3.6	2.5	2.5	2.4
Hay yield per harvested acre.....	Ton	1.20	1.10	1.10	1.40
Birds started, per lot.....	Number	13,951	16,429	17,540	18,979
Broilers produced annually:					
Number.....	do.	54,790	67,900	72,802	80,082
Pounds.....	Pound	208,215	278,390	298,488	320,328
Tractors on farm.....	Number	.56	.51	.49	.49
Total labor used.....	Hour	2,300	2,330	2,440	2,540
Operator and family.....	do.	1,910	1,960	2,050	2,130
Hired.....	do.	390	370	390	410
Total farm capital, Jan. 1.....	Dollar	24,540	33,710	35,390	37,590
Land and buildings.....	do.	17,690	24,340	25,530	27,300
Machinery and equipment.....	do.	6,850	9,370	9,860	10,290
Total cash receipts.....	do.	5,645	6,415	6,581	7,280
Broilers.....	do.	5,253	6,179	6,334	7,047
Crops.....	do.	110	73	74	88
Forest products.....	do.	98	94	94	97
Other, including Government payments.....	do.	184	69	79	48
Value of perquisites.....	do.	329	386	401	425
Gross farm income.....	do.	5,974	6,801	6,982	7,705



TABLE 15.--Broiler farms, Maine: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures <sup>2</sup> .....	Dollar	3,841	4,725	4,725	5,015
Machinery.....	do.	1,451	1,445	1,510	1,550
Farm buildings.....	do.	1,245	1,843	1,651	1,768
Hired labor.....	do.	407	429	484	528
Taxes.....	do.	314	477	509	563
Electricity and miscellaneous broiler expense.....	do.	358	433	468	496
Other.....	do.	66	98	103	110
Inventory adjustment, machinery and building..	do.	-723	-736	-494	-520
Total operating expenses.....	do.	3,118	3,989	4,231	4,495
Net farm income.....	do.	2,856	2,812	2,751	3,210
Purchasing power in 1947-49 dollars.....	do.	2,433	2,286	2,183	2,488
Charge for capital at current interest rates..	do.	1,353	1,938	2,035	2,161
Return per hour, operator and family labor....	do.	.77	.45	.35	.49
Charge for capital at 4.1 percent interest....	do.	1,006	1,382	1,451	1,541
Return per hour, operator and family labor....	do.	.97	.73	.63	.78
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	114	117	129
Net farm income.....	---	100	98	96	112
Net farm production.....	---	100	118	126	140
Broilers produced annually.....	---	100	134	143	154
Production per hour of man labor.....	---	100	116	119	127
Production per unit of input.....	---	100	103	106	115
Operating expense per unit of production....	---	100	108	108	103
Total cost per unit of production.....	---	100	105	107	103
Power and machinery (quantity).....	---	100	117	120	120
Prices received for products sold.....	---	100	95	92	92
Prices paid, including wages to hired labor.	---	100	106	108	112

<sup>1</sup> Preliminary.   <sup>2</sup> Feed, chicks, medicines, and related items are supplied by the integrators.

TABLE 16.--Broiler farms, Delmarva: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	5	5	5	5
Birds started, per lot.....	Number	9,110	13,721	14,457	15,321
Broilers produced annually:					
Number.....	do.	30,557	53,237	57,376	61,966
Pounds.....	Pound	105,805	202,301	218,029	235,471
Tractors on farm.....	Number	.19	.21	.21	.21
Total labor used.....	Hour	1,250	1,840	1,930	2,010
Operator and family.....	do.	880	1,600	1,680	1,750
Hired.....	do.	370	240	250	260
Total farm capital, Jan. 1.....	Dollar	11,110	20,090	20,960	23,670
Land and buildings.....	do.	9,480	17,320	18,000	20,380
Machinery and equipment.....	do.	1,630	2,770	2,960	3,290
Total cash receipts.....	do.	2,163	4,116	4,505	5,019
Broilers.....	do.	2,163	4,116	4,505	5,019
Other, including Government payments.....	do.	---	---	---	---
Value of perquisites.....	do.	452	586	595	611
Gross farm income.....	do.	2,615	4,702	5,100	5,630

TABLE 16.--Broiler farms, Delmarva: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures <sup>2</sup> .....	Dollar	2,153	3,038	3,397	3,492
Electricity and miscellaneous broiler expense	do.	111	188	198	211
Machinery.....	do.	795	932	1,010	1,022
Farm buildings.....	do.	784	1,485	1,701	1,714
Hired labor.....	do.	371	254	288	317
Taxes.....	do.	54	115	131	154
Other.....	do.	38	64	69	74
Inventory adjustment, machinery and buildings..	do.	-682	-769	-1,035	-726
Total operating expenses.....	do.	1,471	2,269	2,362	2,766
Net farm income.....	do.	1,144	2,433	2,738	2,864
Purchasing power in 1947-49 dollars.....	do.	974	1,978	2,173	2,220
Charge for capital at current interest rates...	do.	613	1,205	1,258	1,420
Return per hour, operator and family labor.....	do.	.60	.77	.88	.83
Charge for capital at 4.1 percent interest.....	do.	456	824	859	970
Return per hour, operator and family labor.....	do.	.78	1.01	1.12	1.08
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	180	195	215
Net farm income.....	---	100	213	239	250
Net farm production.....	---	100	160	171	188
Broilers produced annually.....	---	100	191	206	223
Production per hour of man labor.....	---	100	108	111	117
Production per unit of input.....	---	100	111	116	119
Operating expense per unit of production.....	---	100	97	94	100
Total cost per unit of production.....	---	100	107	108	111
Power and machinery (quantity).....	---	100	141	148	156
Prices received for products sold.....	---	100	111	113	116
Prices paid, including wages to hired labor..	---	100	118	122	127

<sup>1</sup> Preliminary.    <sup>2</sup> Feed, chicks, medicines, and related items are supplied by the integrators.

TABLE 17. --Broiler-crop farms, Delmarva: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	106	114	116	120
Cropland harvested.....	do.	79	94	97	100
Crops harvested:					
Corn.....	do.	37.8	43.1	52.6	54.7
Soybeans.....	do.	40.9	50.8	44.7	45.6
Crop yields per harvested acre:					
Corn.....	Bushel	48.8	56.2	77.6	43.5
Soybeans.....	do.	22.4	15.1	27.8	14.2
Birds started, per lot.....	Number	10,401	15,533	16,230	17,195
Broilers produced annually:					
Number.....	do.	38,014	59,590	63,630	68,720
Pounds.....	Pound	131,574	226,442	241,794	261,136
Tractors on farm.....	Number	1.30	1.48	1.50	1.53
Total labor used.....	Hour	2,230	2,680	2,790	2,930
Operator and family.....	do.	2,010	2,370	2,450	2,570
Hired.....	do.	220	310	340	360
Total farm capital, Jan. 1.....	Dollar	30,910	51,320	56,820	62,780
Land and buildings.....	do.	23,720	40,900	45,850	51,070
Machinery and equipment.....	do.	7,130	10,420	10,970	11,710
Crops and livestock.....	do.	60	---	---	---
Total cash receipts.....	do.	7,068	10,023	13,298	11,184
Broilers.....	do.	2,680	4,607	4,996	5,566
Crops.....	do.	4,254	5,119	7,962	5,319
Livestock and livestock products.....	do.	91	---	---	---
Other, including Government payments.....	do.	43	297	340	299
Value of perquisites.....	do.	501	631	644	669
Change in inventory of crops and livestock....	do.	-12	---	---	---
Gross farm income.....	do.	7,557	10,654	13,942	11,853



TABLE 17. --Broiler-crop farms, Delmarva: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures <sup>2</sup> .....	Dollar	3,623	5,095	5,845	6,157
Feed purchased and livestock expense.....	do.	53	46	49	54
Fertilizer and lime.....	do.	553	597	691	737
Other crop expense.....	do.	256	316	342	348
Machinery.....	do.	1,619	2,025	2,279	2,346
Farm buildings and fences.....	do.	638	1,378	1,666	1,768
Hired labor.....	do.	221	326	385	432
Taxes.....	do.	129	177	193	217
Other.....	do.	154	230	240	255
Inventory adjustment, machinery and buildings.	do.	-398	-650	-929	-893
Total operating expenses.....	do.	3,225	4,445	4,916	5,264
Net farm income.....	do.	4,332	6,209	9,026	6,589
Purchasing power in 1947-49 dollars.....	do.	3,684	5,048	7,163	5,108
Charge for capital at current interest rates..	do.	1,742	3,126	3,462	3,825
Return per hour, operator and family labor....	do.	1.29	1.30	2.27	1.08
Charge for capital at 4.1 percent interest <sup>3</sup> ...	do.	1,307	2,151	2,383	2,632
Return per hour, operator and family labor....	do.	1.50	1.71	2.71	1.54
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	141	184	157
Net farm income.....	---	100	143	208	152
Net farm production.....	---	100	125	172	130
Broilers produced annually.....	---	100	172	184	198
Production per hour of man labor.....	---	100	104	138	100
Production per unit of input.....	---	100	103	133	98
Operating expense per unit of production....	---	100	109	88	124
Total cost per unit of production.....	---	100	111	90	128
Power and machinery (quantity).....	---	100	129	130	137
Prices received for products sold.....	---	100	110	105	118
Prices paid, including wages to hired labor.	---	100	109	114	118

<sup>1</sup> Preliminary. <sup>2</sup> Feed, chicks, medicines, and related items are supplied by the integrators.

<sup>3</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 18. --Broiler farms, Georgia: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	64	65	65	65
Cropland harvested.....	do.	6.29	3.50	3.50	3.50
Crops harvested:					
Corn.....	do.	4.34	2.60	2.80	2.80
Hay.....	do.	1.95	.90	.70	.70
Crop yields per harvested acre:					
Corn.....	Bushel	28.1	42.0	51.0	43.0
Hay.....	Ton	1.17	1.65	1.71	1.88
Birds started, per lot.....	Number	6,317	7,335	8,435	9,215
Broilers produced annually:					
Number.....	do.	22,083	28,314	32,594	37,157
Pounds.....	Pound	70,665	96,268	114,079	128,192
Tractors on farm.....	Number	.60	.64	.64	.64
Total labor used.....	Hour	1,690	1,560	1,650	1,760
Operator and family.....	do.	1,580	1,430	1,520	1,620
Hired.....	do.	110	130	130	140
Total farm capital, Jan. 1.....	Dollar	12,610	17,580	18,940	21,260
Land and buildings.....	do.	8,320	12,610	14,020	16,030
Machinery and equipment.....	do.	3,540	4,080	4,130	4,330
Crops and livestock .....	do.	750	890	790	900
Total cash receipts.....	do.	2,012	2,141	2,999	3,744
Broilers.....	do.	1,590	1,727	2,445	3,158
Livestock and livestock products.....	do.	239	159	221	214
Crops.....	do.	22	78	120	109
Other, including Government payments.....	do.	161	177	213	263
Value of perquisites.....	do.	465	493	543	658
Change in inventory of crops and livestock....	do.	13	-37	-22	-9
Gross farm income.....	do.	2,490	2,597	3,520	4,393

TABLE 18.--Broiler farms, Georgia: Organization, production, costs and returns, 1966,  
with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures <sup>2</sup> .....	Dollar	1,853	1,849	2,196	2,437
Feed purchased and livestock expense.....	do.	336	397	437	499
Fertilizer, lime, and other crop expense....	do.	46	33	34	34
Machinery.....	do.	950	903	966	1 026
Farm buildings and fences.....	do.	373	280	501	583
Hired labor.....	do.	64	95	107	123
Taxes.....	do.	38	73	77	90
Other.....	do.	46	68	74	82
Inventory adjustment, machinery and buildings.	do.	-349	41	-223	-290
Total operating expenses.....	do.	1,504	1,890	1,973	2,147
Net farm income.....	do.	986	707	1,547	2,246
Purchasing power in 1947-49 dollars.....	do.	840	575	1,228	1,741
Charge for capital at current interest rates..	do.	695	1,055	1,136	1,276
Return per hour, operator and family labor....	do.	.18	-.24	.27	.60
Charge for capital at 4.1 percent interest....	do.	517	721	777	872
Return per hour, operator and family labor....	do.	.30	( <sup>3</sup> )	.51	.85
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	104	141	176
Net farm income.....	---	100	72	162	228
Net farm production.....	---	100	113	131	144
Broilers produced annually.....	---	100	136	161	181
Production per hour of man labor.....	---	100	122	134	138
Production per unit of input.....	---	100	107	120	125
Operating expense per unit of production....	---	100	112	101	100
Total cost per unit of production.....	---	100	110	102	104
Power and machinery (quantity).....	---	100	97	97	98
Prices received for products sold.....	---	100	86	103	117
Prices paid, including wages to hired labor.	---	100	110	113	117

<sup>1</sup> Preliminary. <sup>2</sup> Feed, chicks and medicines are supplied by the broiler contracting firm. Litter and brooder fuel are furnished by growers. <sup>3</sup> Less than one.

TABLE 19. --Hog-dairy farms, Corn Belt: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	170	188	192	196
Cropland harvested.....	do.	123	128	130	133
Crops harvested:					
Corn for grain.....	do.	53.7	53.4	55.3	57.7
Corn for silage.....	do.	4.1	6.3	6.6	6.9
Soybeans.....	do.	---	3.5	4.5	5.5
Oats.....	do.	33.4	31.7	30.1	29.8
Hay.....	do.	32.1	33.6	33.7	33.4
Crop yields per harvested acre:					
Corn for grain.....	Bushel	71.0	76.6	85.0	93.3
Corn for silage.....	Ton	13.0	13.0	14.5	15.1
Soybeans.....	Bushel	---	25.2	27.6	26.4
Oats.....	do.	52.9	56.8	61.0	57.4
Hay.....	Ton	2.3	2.5	2.4	2.9
Livestock on farm, Jan. 1:					
All cattle.....	Number	36.0	41.8	42.4	43.0
Cows and heifers, 2 years old and over.....	do.	20.5	22.9	23.3	23.8
Pigs raised.....	do.	193	222	203	219
Milk production per cow.....	Pound	7,220	9,750	9,600	9,850
Tractors on farm.....	Number	2.08	2.18	2.18	2.20
Total labor used.....	Hour	4,490	4,690	4,700	4,810
Operator and family.....	do.	3,600	3,360	3,310	3,310
Hired.....	do.	890	1,330	1,390	1,500
Total farm capital, Jan. 1.....	Dollar	57,120	74,580	77,880	88,290
Land and buildings.....	do.	38,710	53,020	55,300	62,130
Machinery and equipment.....	do.	6,830	8,320	8,740	9,300
Livestock.....	do.	7,480	7,930	8,500	11,030
Crops.....	do.	4,100	5,310	5,340	5,830
Total cash receipts.....	do.	13,878	17,508	20,761	25,079
Crops.....	do.	657	229	731	1,757
Cattle and calves.....	do.	1,631	1,721	1,828	2,292
Hogs.....	do.	7,048	7,089	9,648	10,810
Dairy products.....	do.	4,335	7,248	7,392	9,091
Poultry and eggs.....	do.	99	33	32	39
Other, including Government payments.....	do.	108	1,188	1,130	1,090
Value of perquisites.....	do.	805	848	895	939
Change in inventory of crops and livestock.....	do.	356	324	156	375
Gross farm income.....	do.	15,039	18,680	21,812	26,393



TABLE 19. --Hog-dairy farms, Corn Belt: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	7,986	11,852	11,978	13,143
Feed purchased.....	do.	1,411	2,418	2,106	2,483
Livestock expense.....	do.	709	1,101	1,128	1,232
Fertilizer and lime.....	do.	569	714	778	829
Other crop expense.....	do.	530	639	647	735
Machinery.....	do.	2,317	3,145	3,299	3,459
Farm buildings and fences.....	do.	655	890	910	935
Labor hired.....	do.	929	1,558	1,724	1,998
Taxes.....	do.	607	902	962	1,034
Other.....	do.	259	485	424	438
Inventory adjustment, machinery and buildings	do.	-159	-303	-382	-339
Total operating expenses.....	do.	7,827	11,549	11,596	12,804
Net farm income.....	do.	7,212	7,131	10,216	13,589
Purchasing power in 1947-49 dollars.....	do.	6,147	5,798	8,108	10,534
Charge for capital at current interest rates..	do.	2,878	4,102	4,283	4,856
Return per hour, operator and family labor....	do.	1.20	.90	1.79	2.64
Charge for capital at 4.1 percent interest....	do.	2,342	3,058	3,193	3,620
Return per hour, operator and family labor....	do.	1.35	1.21	2.12	3.01
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	124	145	175
Net farm income.....	---	100	99	142	188
Net farm production.....	---	100	120	122	131
Crop yields per acre.....	---	100	108	116	127
Production per hour of man labor.....	---	100	115	116	122
Production per unit of input.....	---	100	105	105	109
Operating expense per unit of production....	---	100	120	121	124
Total cost per unit of production.....	---	100	109	111	113
Power and machinery (quantity).....	---	100	106	110	112
Prices received for products sold.....	---	100	95	113	129
Prices paid, including wages to hired labor.	---	100	114	115	120

<sup>1</sup> Preliminary.

TABLE 20. --Hog fattening--beef raising farms, Corn Belt: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	239	288	300	306
Cropland harvested.....	do.	108	138	145	148
Crops harvested:					
Corn.....	do.	38.9	58.3	61.3	60.7
Small grains.....	do.	20.1	15.0	12.9	14.5
Soybeans.....	do.	14.3	29.0	33.5	35.5
Hay.....	do.	34.6	36.0	37.3	37.3
Crop yields per harvested acre:					
Corn for grain.....	Bushel	62.0	67.1	83.5	76.0
Oats.....	do.	36.2	45.7	45.4	51.9
Soybeans.....	do.	25.8	24.7	28.3	27.5
Hay.....	Ton	1.8	2.3	2.3	2.3
Livestock on farm, Jan. 1:					
All cattle.....	Number	33.2	44.0	47.1	48.4
Cows and heifers, 2 years old and over.....	do.	19.7	23.6	24.1	24.5
Chickens.....	do.	78	51	50	50
Pigs raised.....	do.	96	148	126	138
Tractors on farm.....	do.	1.66	1.79	1.79	1.82
Total labor used.....	Hour	3,470	3,700	3,470	3,550
Operator and family.....	do.	3,230	3,000	2,920	3,000
Hired.....	do.	240	700	550	550
Total farm capital, Jan. 1.....	Dollar	44,490	64,430	70,410	80,610
Land and buildings.....	do.	29,220	46,940	52,500	59,060
Machinery and equipment.....	do.	5,330	6,780	7,250	8,160
Livestock.....	do.	6,580	7,110	7,200	9,590
Crops.....	do.	3,360	3,600	3,460	3,800
Total cash receipts.....	do.	7,758	11,521	14,902	16,478
Crops.....	do.	1,348	3,095	4,842	4,842
Cattle and calves.....	do.	2,003	2,233	2,898	3,186
Hogs.....	do.	3,392	4,745	5,620	7,002
Dairy products.....	do.	420	136	124	137
Poultry and eggs.....	do.	320	195	178	211
Other, including Government payments.....	do.	275	1,117	1,240	1,100
Value of perquisites.....	do.	562	771	857	896
Change in inventory of crops and livestock....	do.	303	185	546	302
Gross farm income.....	do.	8,623	12,477	16,305	17,676

TABLE 20.--Hog fattening--beef raising farms, Corn Belt: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	5,027	8,778	9,125	9,726
Feed purchased.....	do.	811	1,351	1,238	1,414
Livestock purchased.....	do.	38	39	41	47
Other livestock expense.....	do.	260	459	455	530
Fertilizer and lime.....	do.	352	632	648	671
Other crop expense.....	do.	325	571	772	726
Machinery.....	do.	1,870	2,894	3,233	3,457
Farm buildings and fences.....	do.	622	835	845	875
Labor hired.....	do.	230	756	627	666
Taxes.....	do.	431	996	930	986
Other.....	do.	88	245	336	354
Inventory adjustment, machinery and buildings.	do.	-378	-509	-673	-681
Total operating expenses.....	do.	4,649	8,269	8,452	9,045
Net farm income.....	do.	3,974	4,208	7,853	8,631
Purchasing power in 1947-49 dollars.....	do.	3,387	3,421	6,233	6,691
Charge for capital at current interest rates..	do.	2,370	3,710	4,058	4,634
Return per hour, operator and family labor....	do.	.50	.17	1.30	1.33
Charge for capital at 4.1 percent interest <sup>2</sup> ...	do.	1,923	2,808	3,072	3,505
Return per hour, operator and family labor....	do.	.63	.47	1.64	1.71
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	145	189	205
Net farm income.....	---	100	106	198	217
Net farm production.....	---	100	142	165	161
Crop yields per acre.....	---	100	114	131	126
Production per hour of man labor.....	---	100	133	165	157
Production per unit of input.....	---	100	111	118	113
Operating expense per unit of production.....	---	100	122	112	121
Total cost per unit of production.....	---	100	103	94	104
Power and machinery (quantity).....	---	100	114	122	130
Prices received for products sold.....	---	100	93	110	123
Prices paid, including wages to hired labor..	---	100	113	106	110

<sup>1</sup> Preliminary. <sup>2</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 21. --Hog-beef fattening farms, Corn Belt: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	247	270	274	279
Cropland harvested.....	do.	180	195	198	201
Crops harvested:					
Corn for grain.....	do.	85.4	96.6	98.1	102.0
Corn for silage.....	do.	8.5	11.3	11.5	11.8
Oats.....	do.	40.3	31.6	29.5	28.5
Soybeans.....	do.	9.5	20.9	23.9	25.2
Hay.....	do.	35.7	34.3	34.5	33.5
Crop yields per harvested acre:					
Corn for grain.....	Bushel	68.7	79.7	84.3	91.0
Corn for silage.....	Ton	12.0	13.8	14.5	15.3
Oats.....	do.	47.6	50.2	55.0	57.5
Soybeans.....	Ton	27.7	29.3	27.5	30.0
Hay.....	do.	2.2	2.6	2.5	2.8
Livestock on farm, Jan. 1:					
All cattle.....	Number	61.6	85.2	99.2	100.2
Cows and heifers, 2 years old and over.....	do.	3.7	2.0	2.0	2.0
Purchased feeder cattle.....	do.	52.1	80.0	94.0	95.0
Pigs raised.....	do.	230	272	256	276
Tractors on farm.....	do.	2.30	2.64	2.65	2.67
Total labor used.....	Hour	3,750	3,970	4,200	4,260
Operator and family.....	do.	3,200	3,000	3,200	3,200
Hired.....	do.	550	970	1,000	1,060
Total farm capital, Jan. 1.....	Dollar	92,920	123,660	132,840	152,980
Land and buildings.....	do.	64,660	86,130	91,790	105,740
Machinery and equipment.....	do.	8,350	10,470	11,570	12,340
Livestock.....	do.	11,900	15,640	16,360	20,800
Crops.....	do.	8,010	11,420	13,120	14,100
Total cash receipts.....	do.	24,472	34,614	43,221	44,350
Crops.....	do.	663	1,538	1,663	2,141
Cattle and calves.....	do.	14,944	21,884	27,218	26,503
Hogs.....	do.	8,404	9,317	12,220	13,796
Other livestock and livestock products.....	do.	171	102	100	140
Other, including Government payments.....	do.	290	1,773	2,020	1,770
Value of perquisites.....	do.	875	921	990	1,016
Change in inventory of crops and livestock....	do.	23	91	325	-25
Gross farm income.....	do.	25,370	35,626	44,536	45,341



TABLE 21.--Hog-beef fattening farms, Corn Belt: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	16,091	26,616	29,125	31,111
Feed purchased.....	do.	2,246	6,409	7,555	6,878
Livestock purchased.....	do.	7,042	9,897	10,333	11,979
Other livestock expense.....	do.	548	886	990	1,057
Fertilizer and lime.....	do.	557	1,097	1,291	1,471
Other crop expense.....	do.	720	998	1,022	1,160
Machinery.....	do.	2,788	3,926	4,124	4,406
Farm buildings and fences.....	do.	566	665	680	695
Labor hired.....	do.	578	1,164	1,257	1,420
Taxes.....	do.	810	1,227	1,323	1,467
Other.....	do.	236	347	550	578
Inventory adjustment, machinery and buildings.	do.	-122	-339	-297	-292
Total operating expenses.....	do.	15,969	26,277	28,828	30,819
Net farm income.....	do.	9,401	9,349	15,708	14,522
Purchasing power in 1947-49 dollars.....	do.	8,014	7,601	12,467	11,257
Charge for capital at current interest rates..	do.	4,929	7,205	7,758	8,875
Return per hour, operator and family labor....	do.	1.40	.71	2.48	1.76
Charge for capital at 4.1 percent interest....	do.	3,997	5,474	5,898	6,733
Return per hour, operator and family labor....	do.	1.69	1.29	3.07	2.43
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	140	176	179
Net farm income.....	---	100	99	167	154
Net farm production.....	---	100	129	133	144
Crop yields per acre.....	---	100	114	120	129
Production per hour of man labor.....	---	100	122	119	127
Production per unit of input.....	---	100	104	102	105
Operating expense per unit of production....	---	100	113	113	120
Total cost per unit of production.....	---	100	105	104	111
Power and machinery (quantity).....	---	100	111	120	122
Prices received for products sold.....	---	100	92	106	107
Prices paid, including wages to hired labor.	---	100	107	103	113

<sup>1</sup> Preliminary. <sup>2</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit association on loans outstanding.

TABLE 22. --Cash grain farms, Corn Belt: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	232	283	295	308
Cropland harvested.....	do.	205	241	250	262
Crops harvested:					
Corn for grain.....	do.	92.3	99.6	107.0	120.5
Wheat.....	do.	13.1	35.2	32.3	27.5
Oats.....	do.	24.6	7.3	6.2	6.8
Soybeans.....	do.	55.9	75.9	82.0	86.3
Hay.....	do.	19.3	23.1	22.9	20.4
Crop yields per harvested acre:					
Corn for grain.....	Bushel	74.3	91.3	105.0	89.1
Wheat.....	do.	33.4	40.7	38.4	45.2
Oats.....	do.	49.1	50.2	62.6	60.8
Soybeans.....	do.	29.0	28.6	32.4	30.9
Hay.....	Ton	1.9	2.4	2.7	2.5
Livestock on farm, Jan. 1:					
All cattle.....	Number	4.7	2.0	2.0	2.0
Cows and heifers, 2 years old and over.....	do.	2.2	1.0	1.0	1.0
Chickens.....	do.	87	50	50	50
Pigs raised.....	do.	4.8	0	0	0
Tractors on farm.....	do.	2.19	2.50	2.53	2.55
Total labor used.....	Hour	2,580	2,320	2,400	2,490
Operator and family.....	do.	2,300	1,950	2,060	2,060
Hired.....	do.	280	370	340	430
Total farm capital, Jan. 1.....	Dollar	97,320	151,880	175,460	203,180
Land and buildings.....	do.	88,230	136,970	158,710	184,180
Machinery and equipment.....	do.	7,290	14,190	16,040	18,230
Livestock.....	do.	730	360	350	400
Crops.....	do.	1,070	360	360	370
Total cash receipts.....	do.	14,159	21,892	24,929	27,077
Crops.....	do.	12,811	19,356	22,879	25,138
Cattle and calves.....	do.	406	0	0	0
Hogs.....	do.	235	0	0	0
Dairy products.....	do.	118	0	0	0
Poultry and eggs.....	do.	379	192	190	219
Other, including Government payments.....	do.	210	2,344	1,860	1,720
Value of perquisites.....	do.	856	1,238	1,390	1,583
Change in inventory of crops and livestock....	do.	-667	3	18	32
Gross farm income.....	do.	14,348	23,133	26,337	28,692

TABLE 22. --Cash grain farms, Corn Belt: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	7,383	11,688	12,518	13,438
Feed purchased.....	do.	234	145	146	161
Livestock purchased.....	do.	31	24	28	29
Other livestock expense.....	do.	45	13	14	14
Fertilizer and lime.....	do.	1,075	1,278	1,325	1,502
Other crop expense.....	do.	558	1,051	1,348	1,422
Machinery.....	do.	2,987	5,804	6,089	6,342
Farm buildings and fences.....	do.	629	750	770	800
Labor hired.....	do.	281	413	400	516
Taxes.....	do.	1,239	1,683	1,808	2,022
Other.....	do.	304	527	590	630
Change in inventory of machinery and buildings	do.	-247	-1,461	-1,145	-856
Total operating expenses.....	do.	7,136	10,227	11,373	12,582
Net farm income.....	do.	7,212	12,906	14,964	16,110
Purchasing power in 1947-49 dollars.....	do.	6,147	10,493	11,876	12,488
Charge for capital at current interest rates..	do.	5,092	8,522	9,853	11,398
Return per hour, operator and family labor....	do.	.92	2.25	2.48	2.29
Charge for capital at 4.1 percent interest <sup>2</sup> ...	do.	4,117	6,396	7,397	8,553
Return per hour, operator and family labor....	do.	1.35	3.34	3.67	3.67
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	161	184	200
Net farm income.....	---	100	179	207	223
Net farm production.....	---	100	135	158	151
Crop yields per acre.....	---	100	117	132	119
Production per hour of man labor.....	---	100	149	169	155
Production per unit of input.....	---	100	113	123	111
Operating expense per unit of production....	---	100	107	102	117
Total cost per unit of production.....	---	100	103	100	116
Power and machinery (quantity).....	---	100	186	200	215
Prices received for products sold.....	---	100	108	109	125
Prices paid, including wages to hired labor	---	100	115	116	120

<sup>1</sup> Preliminary. <sup>2</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 23. --Cotton farms, Southern Piedmont: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964 <sup>1</sup>	1965	1966 <sup>2</sup>
Land in farm.....	Acre	203	240	247	254
Cropland harvested.....	do.	62	65	61	58
Crops harvested:					
Cotton.....	do.	21.7	26.7	26.0	20.0
Corn.....	do.	15.2	10.9	10.5	11.0
Small grains.....	do.	16.4	16.3	12.1	12.2
Hay.....	do.	10.0	10.1	9.5	9.0
Crop yields per harvested acre:					
Cotton.....	Pound	358	453	405	380
Corn.....	Bushel	26.6	41.5	43.0	33.9
Livestock on farm, Jan. 1:					
All cattle.....	Number	7.7	9.4	9.9	9.8
Milk cows.....	do.	2.2	2.1	2.4	2.4
Chickens.....	do.	50	45	45	45
Pigs raised.....	do.	4.6	3.2	2.5	2.9
Tractors on farm.....	do.	.80	1.10	1.10	1.10
Total labor used.....	Hour	4,670	4,840	4,390	3,810
Operator and family.....	do.	2,520	2,450	2,350	2,250
Hired.....	do.	1,060	2,390	2,040	1,560
Cropper.....	do.	1,090	0	0	0
Total farm capital, Jan. 1.....	Dollar	20,670	32,730	36,540	41,280
Land and buildings.....	do.	17,420	28,950	32,700	37,100
Machinery and equipment.....	do.	1,910	2,210	2,350	2,520
Livestock.....	do.	870	1,050	990	1,170
Crops.....	do.	470	520	500	490
Total cash receipts.....	do.	4,653	6,691	6,165	5,742
Cotton, lint and seed.....	do.	2,833	4,098	3,445	1,864
Other crops.....	do.	977	1,536	1,421	1,610
Cattle.....	do.	299	302	379	447
Other livestock and livestock products.....	do.	353	393	439	505
Other, including Government payments.....	do.	191	362	481	1,316
Value of perquisites.....	do.	799	695	727	752
Change in inventory of crops and livestock....	do.	29	42	-23	-23
Gross farm income.....	do.	5,481	7,428	6,869	6,471



TABLE 23. --Cotton farms, Southern Piedmont: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964 <sup>1</sup>	1965	1966 <sup>2</sup>
Total cash expenditures.....	Dollar	3,171	4,249	4,382	4,033
Feed purchased.....	do.	114	99	101	106
Livestock expense.....	do.	47	46	57	61
Fertilizer.....	do.	599	687	654	593
Pesticides and other chemicals.....	do.	90	290	377	322
Other crop expense.....	do.	108	152	156	157
Ginning.....	do.	164	322	290	210
Machinery.....	do.	898	1,129	1,192	1,234
Machine work hired.....	do.	80	118	117	121
Farm buildings and fences.....	do.	136	140	145	148
Hired labor.....	do.	<sup>3</sup> 807	1,087	1,100	869
Taxes.....	do.	95	139	151	168
Other.....	do.	33	40	42	44
Inventory adjustment, machinery and buildings.	do.	-9	-63	-71	-73
Perquisites for cropper labor.....	do.	125	0	0	0
Total operating expenses.....	do.	3,287	4,186	4,311	3,960
Net farm income.....	do.	2,194	3,242	2,558	2,511
Purchasing power in 1947-49 dollars.....	do.	1,867	2,636	2,030	1,947
Charge for capital at current interest rates..	do.	1,220	2,091	2,324	2,601
Return per hour, operator and family labor....	do.	.39	.47	.10	-.04
Charge for capital at 4.1 percent interest <sup>4</sup> ...	do.	929	1,469	1,630	1,816
Return per hour, operator and family labor....	do.	.50	.72	.39	.31
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	136	125	118
Net farm income.....	---	100	148	117	114
Net farm production.....	---	100	140	126	106
Crop yields per acre.....	---	100	132	123	113
Production per hour of man labor.....	---	100	135	134	130
Production per unit of input.....	---	100	124	115	103
Operating expense per unit of production....	---	100	91	104	114
Total cost per unit of production.....	---	100	93	107	126
Power and machinery (quantity).....	---	100	105	109	112
Prices received for products sold.....	---	100	95	95	90
Prices paid, including wages to hired labor	---	100	109	117	118

<sup>1</sup> Revised. <sup>2</sup> Preliminary. <sup>3</sup> Includes cropper labor. <sup>4</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 24. --Small cotton farms, Mississippi Delta: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	58	60	61	62
Cropland harvested.....	do.	34	38	39	36
Crops harvested:					
Cotton.....	do.	15	16	16	12
Corn.....	do.	6	3	2	2
Soybeans.....	do.	11	17	19	20
Wheat.....	do.	---	1	1	1
Hay.....	do.	1	1	1	1
Crop yields per harvested acre:					
Cotton.....	Pound	451	613	572	520
Corn.....	Bushel	23.0	25.3	33.1	28.2
Soybeans.....	do.	23.8	19.5	22.0	23.0
Wheat.....	do.	---	25.0	22.6	28.5
Hay.....	Ton	1.3	1.1	1.2	1.1
Livestock on farm, Jan. 1:					
All cattle.....	Number	3.9	4.0	4.1	4.0
Milk cows.....	do.	1.2	.9	.8	.8
Chickens.....	do.	35	27	20	20
Pigs raised.....	do.	8.1	7.4	7.4	9.0
Tractors on farm.....	do.	.91	1.10	1.15	1.18
Total labor used.....	Hour	3,230	2,730	2,580	2,260
Operator and family.....	do.	2,490	1,920	1,830	1,710
Hired.....	do.	740	810	750	550
Total farm capital, Jan. 1.....	Dollar	12,890	17,250	18,780	21,220
Land and buildings.....	do.	9,240	13,200	14,640	16,740
Machinery and equipment.....	do.	2,950	3,370	3,540	3,750
Livestock.....	do.	490	500	430	540
Crops.....	do.	210	180	170	190
Total cash receipts.....	do.	3,483	4,903	4,877	4,593
Cotton, lint and seed.....	do.	2,508	3,465	3,074	1,728
Other crops.....	do.	488	879	1,015	1,303
Cattle and hogs.....	do.	388	314	411	488
Poultry and eggs.....	do.	71	31	5	5
Other, including Government payments.....	do.	28	214	372	1,069
Value of perquisites.....	do.	495	502	498	508
Change in inventory of crops and livestock....	do.	-48	-15	8	48
Gross farm income.....	do.	3,930	5,390	5,383	5,149

TABLE 24. --Small cotton farms, Mississippi Delta: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	2,175	2,972	3,066	2,790
Feed purchased.....	do.	110	190	196	242
Livestock expense.....	do.	27	14	16	16
Fertilizer and lime.....	do.	155	199	193	152
Pesticides and other chemicals.....	do.	61	95	127	89
Other crop expense.....	do.	119	152	156	153
Ginning.....	do.	216	342	321	218
Machinery.....	do.	787	1,152	1,203	1,203
Machine work hired.....	do.	215	309	333	318
Farm buildings and fences.....	do.	58	64	65	68
Labor hired.....	do.	327	350	343	213
Taxes.....	do.	58	77	83	88
Other.....	do.	42	28	30	30
Inventory adjustment, machinery and buildings.	do.	88	-54	-50	-48
Total operating expenses.....	do.	2,263	2,918	3,016	2,742
Net farm income.....	do.	1,667	2,472	2,367	2,407
Purchasing power in 1947-49 dollars.....	do.	1,420	2,010	1,879	1,866
Charge for capital at current interest rates..	do.	693	1,011	1,098	1,227
Return per hour, operator and family labor....	do.	.39	.76	.69	.69
Charge for capital at 4.1 percent interest <sup>2</sup> ...	do.	576	769	835	930
Return per hour, operator and family labor....	do.	.44	.89	.84	.86
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	137	137	131
Net farm income.....	---	100	148	142	144
Net farm production.....	---	100	132	128	100
Crop yields per acre.....	---	100	125	121	112
Production per hour of man labor.....	---	100	156	160	143
Production per unit of input.....	---	100	123	120	104
Operating expense per unit of production....	---	100	96	102	116
Total cost per unit of production.....	---	100	90	97	117
Power and machinery (quantity).....	---	100	106	109	111
Prices received for products sold.....	---	100	99	98	98
Prices paid, including wages to hired labor.	---	100	105	108	109

<sup>1</sup> Preliminary. <sup>2</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 25. --Large-scale cotton farms, Mississippi Delta: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964 <sup>1</sup>	1965	1966 <sup>2</sup>
Land in farm.....	Acre	1,000	1,000	1,000	1,000
Cropland harvested.....	do.	602	627	636	597
Crops harvested:					
Cotton.....	do.	219	240	235	174
Corn.....	do.	41	12	11	9
Oats.....	do.	73	13	11	10
Soybeans.....	do.	236	294	322	345
Wheat.....	do.	---	45	38	42
Hay.....	do.	33	23	19	17
Crop yields per harvested acre:					
Cotton.....	Pound	499	687	634	595
Corn.....	Bushel	38.5	37.2	48.2	40.3
Oats.....	do.	38.1	52.3	44.7	56.6
Soybeans.....	do.	26.0	21.3	24.0	25.0
Wheat.....	do.	---	31.2	28.4	35.9
Hay.....	Ton	1.8	1.8	1.8	1.8
Livestock on farm, Jan. 1:					
All cattle.....	Number	81.2	78.9	81.8	80.2
Pigs raised.....	do.	32.6	14.8	13.5	15.2
Tractors on farm.....	do.	6.40	6.70	6.70	6.70
Total labor used.....	Hour	35,310	25,190	23,450	19,620
Operator and family.....	do.	3,200	3,000	3,000	3,000
Hired.....	do.	24,340	22,190	20,450	16,620
Cropper.....	do.	7,770	0	0	0
Total farm capital, Jan. 1.....	Dollar	196,760	286,630	320,070	367,080
Land and buildings.....	do.	156,670	236,000	266,000	306,000
Machinery and equipment.....	do.	31,220	40,890	45,680	51,240
Livestock.....	do.	6,830	7,860	6,560	8,040
Crops.....	do.	2,040	1,880	1,830	1,800
Total cash receipts.....	do.	61,252	79,593	75,262	77,113
Cotton, lint and seed.....	do.	40,943	57,415	49,506	28,868
Other crops.....	do.	14,400	17,890	20,214	25,967
Cattle and hogs.....	do.	4,659	3,545	4,545	5,121
Other livestock and livestock products.....	do.	111	237	157	142
Other, including Government payments.....	do.	1,139	506	840	17,015
Value of perquisites.....	do.	1,786	1,252	1,279	1,315
Change in inventory of crops and livestock.....	do.	-792	172	-173	298
Gross farm income.....	do.	62,246	81,017	76,368	78,726



TABLE 25. --Large-scale cotton farms, Mississippi Delta: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964 <sup>1</sup>	1965	1966 <sup>2</sup>
Total cash expenditures.....	Dollar	40,195	45,988	46,171	40,858
Feed purchased.....	do.	648	766	936	1,033
Livestock expense.....	do.	338	285	290	290
Fertilizer and lime.....	do.	2,795	3,344	3,236	2,579
Pesticides and other chemicals.....	do.	1,900	2,454	3,010	2,013
Other crop expense.....	do.	1,793	1,843	1,797	1,762
Ginning.....	do.	3,487	5,606	5,129	3,685
Machinery.....	do.	9,572	14,604	14,472	13,852
Machine work hired.....	do.	1,506	1,542	1,635	1,563
Farm buildings and fences.....	do.	1,118	1,440	1,420	1,400
Hired labor.....	do.	15,512	12,100	12,107	10,459
Taxes.....	do.	1,279	1,744	1,874	1,947
Other.....	do.	247	260	265	275
Inventory adjustment, machinery and buildings.	do.	1,239	-862	-434	-380
Perquisites for cropper labor.....	do.	569	0	0	0
Total operating expenses.....	do.	42,003	45,126	45,737	40,478
Net farm income.....	do.	20,243	35,891	30,631	38,248
Purchasing power in 1947-49 dollars.....	do.	17,218	29,180	24,310	29,650
Charge for capital at current interest rates..	do.	10,996	17,094	18,961	21,407
Return to operator and family labor.....	do.	9,247	18,797	11,670	16,841
Charge for capital at 4.1 percent interest <sup>3</sup> ...	do.	9,208	13,081	14,480	16,268
Return to operator and family labor.....	do.	11,035	22,810	16,151	21,980
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	130	123	126
Net farm income.....	---	100	177	151	189
Net farm production.....	---	100	133	127	103
Crop yields per acre.....	---	100	123	118	114
Production per hour of man labor.....	---	100	187	191	185
Production per unit of input.....	---	100	132	129	117
Operating expense per unit of production....	---	100	80	85	92
Total cost per unit of production.....	---	100	84	92	108
Power and machinery (quantity).....	---	100	121	131	140
Prices received for products sold.....	---	100	99	98	98
Prices paid, including wages to hired labor <sup>4</sup>	---	100	107	111	114

<sup>1</sup> Revised. <sup>2</sup> Preliminary. <sup>3</sup> Includes cropper labor. <sup>4</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 26. --Cotton farms, Black Prairie, Texas: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964 <sup>1</sup>	1965	1966 <sup>2</sup>
Land in farm.....	Acre	224	300	314	328
Cropland harvested.....	do.	132	166	170	155
Crops harvested:					
Cotton.....	do.	55.2	81.3	81.8	64.2
Corn.....	do.	25.6	19.5	16.3	15.7
Oats.....	do.	12.7	18.2	19.4	17.2
Grain sorghum.....	do.	25.5	28.2	33.3	40.1
Hay and forage.....	do.	12.9	19.1	18.7	17.6
Crop yields per harvested acre:					
Cotton.....	Pound	201	218	230	308
Corn.....	Bushel	26.1	32.2	30.2	35.0
Livestock on farm, Jan. 1:					
All cattle.....	Number	13.6	18.4	20.2	20.7
Milk cows.....	do.	1.4	1.0	1.0	1.0
Beef cows.....	do.	5.9	9.2	9.8	9.9
Chickens.....	do.	60	56	54	55
Pigs raised.....	do.	6.5	4.4	4.3	4.3
Tractors on farm.....	do.	1.62	2.15	2.25	2.33
Total labor used.....	Hour	3,260	2,830	2,920	2,510
Operator and family.....	do.	2,290	2,320	2,350	2,180
Hired.....	do.	970	510	570	330
Total farm capital, Jan. 1.....	Dollar	37,670	62,190	64,590	75,370
Land and buildings.....	do.	31,130	52,500	54,320	63,630
Machinery and equipment.....	do.	4,450	7,020	7,700	8,630
Livestock.....	do.	1,570	2,070	1,970	2,510
Crops.....	do.	520	600	600	600
Total cash receipts.....	do.	6,502	9,768	10,396	12,463
Cotton, lint and seed.....	do.	3,570	5,550	5,870	4,529
Other crops.....	do.	1,701	2,918	2,863	4,169
Cattle.....	do.	462	474	720	823
Hogs.....	do.	173	120	133	136
Other livestock and livestock products.....	do.	273	234	225	259
Other, including Government payments.....	do.	323	472	585	2,547
Value of perquisites.....	do.	580	606	621	653
Change in inventory of crops and livestock...	do.	79	191	78	117
Gross farm income.....	do.	7,161	10,565	11,095	13,233

TABLE 26. --Cotton farms, Black Prairie, Texas: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964 <sup>1</sup>	1965	1966 <sup>2</sup>
Total cash expenditures.....	Dollar	4,303	5,940	6,520	6,451
Feed purchased.....	do.	160	151	147	157
Livestock expense.....	do.	53	59	60	61
Fertilizer.....	do.	93	436	488	495
Pesticides and other chemicals.....	do.	158	459	600	473
Other crop expense.....	do.	228	299	297	289
Ginning.....	do.	369	642	704	759
Machinery.....	do.	1,866	2,466	2,711	2,811
Machine work hired.....	do.	291	490	519	536
Farm buildings and fences.....	do.	207	260	271	287
Labor hired.....	do.	659	325	379	216
Taxes.....	do.	152	271	259	281
Other.....	do.	67	82	85	86
Inventory adjustment, machinery and buildings.	do.	-69	18	-86	-93
Total operating expenses.....	do.	4,234	5,958	6,434	6,358
Net farm income.....	do.	2,927	4,607	4,661	6,875
Purchasing power in 1947-49 dollars.....	do.	2,491	3,746	3,699	5,329
Charge for capital at current interest rates..	do.	2,033	3,541	3,682	4,270
Return per hour, operator and family labor....	do.	.39	.46	.42	1.19
Charge for capital at 4.1 percent interest <sup>3</sup> ...	do.	1,633	2,671	2,778	3,215
Return per hour, operator and family labor....	do.	.56	.83	.80	1.68
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	148	155	185
Net farm income.....	---	100	157	159	235
Net farm production.....	---	100	149	154	169
Crop yields per acre.....	---	100	118	118	149
Production per hour of man labor.....	---	100	172	172	219
Production per unit of input.....	---	100	116	113	127
Operating expense per unit of production....	---	100	95	100	90
Total cost per unit of production.....	---	100	96	100	94
Power and machinery (quantity).....	---	100	137	149	160
Prices received for products sold.....	---	100	99	100	92
Prices paid, including wages to hired labor.	---	100	106	107	110

<sup>1</sup> Revised. <sup>2</sup> Preliminary. <sup>3</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 27. --Nonirrigated cotton farms, High Plains, Texas: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	425	550	574	599
Cropland harvested.....	do.	296	246	332	317
Crops harvested:					
Cotton.....	do.	135.3	154.6	183.0	135.0
Grain sorghum.....	do.	154.9	87.2	141.6	173.2
Forage.....	do.	5.9	4.2	7.6	8.5
Crop yields per harvested acre:					
Cotton.....	Pound	247	120	250	300
Grain sorghum.....	Cwt.	10.83	5.30	10.25	12.00
Forage.....	Ton	1.7	.7	2.0	2.0
Livestock on farm, Jan. 1:					
All cattle.....	Number	4.8	5.7	5.1	5.2
Milk cows.....	do.	.9	.7	.6	.5
Beef cows.....	do.	1.5	2.1	1.8	2.0
Chickens.....	do.	44	24	22	20
Pigs raised.....	do.	4.8	5.6	4.8	6.3
Tractors on farm.....	do.	1.95	2.25	2.27	2.30
Total labor used.....	Hour	4,430	3,070	4,050	3,660
Operator and family.....	do.	1,800	1,860	1,940	2,000
Hired.....	do.	2,630	1,210	2,110	1,660
Total farm capital, Jan. 1.....	Dollar	54,190	94,190	94,900	94,660
Land and buildings.....	do.	45,910	82,500	83,230	82,060
Machinery and equipment.....	do.	7,350	10,590	10,860	11,550
Livestock.....	do.	630	720	570	740
Crops.....	do.	300	380	240	310
Total cash receipts.....	do.	14,316	8,622	18,758	22,737
Cotton, lint and seed.....	do.	11,073	5,766	13,860	9,504
Other crops.....	do.	2,434	724	2,403	3,533
Cattle.....	do.	168	239	163	152
Hogs.....	do.	121	169	160	247
Poultry and eggs.....	do.	182	79	70	68
Other, including Government payments.....	do.	338	1,645	2,102	9,233
Value of perquisites.....	do.	630	643	646	662
Change in inventory of crops and livestock.....	do.	32	-202	110	105
Gross farm income.....	do.	14,978	9,063	19,514	23,504



TABLE 27. --Nonirrigated cotton farms, High Plains, Texas: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	7,890	7,033	10,061	10,222
Feed purchases.....	do.	153	116	102	106
Livestock expense.....	do.	46	37	35	35
Fertilizer.....	do.	11	108	83	65
Pesticides and other chemicals.....	do.	35	19	90	358
Other crop expense.....	do.	256	336	328	308
Ginning.....	do.	1,083	705	1,821	1,725
Machinery.....	do.	3,474	3,907	4,697	4,961
Machine work hired.....	do.	327	170	338	395
Farm buildings and fences.....	do.	167	180	202	213
Labor hired.....	do.	1,984	911	1,807	1,462
Taxes.....	do.	288	434	446	482
Other.....	do.	66	110	112	112
Inventory adjustment, machinery and buildings.	do.	-371	153	-225	-347
Total operating expenses.....	do.	7,519	7,186	9,836	9,875
Net farm income.....	do.	7,459	1,877	9,678	13,629
Purchasing power in 1947-49 dollars.....	do.	6,351	1,526	7,681	10,565
Charge for capital at current interest rates..	do.	2,948	5,313	5,398	5,388
Return per hour, operator and family labor....	do.	2.51	-1.85	2.21	4.12
Charge for capital at 4.1 percent interest <sup>2</sup> ...	do.	2,370	3,995	4,069	4,063
Return per hour, operator and family labor....	do.	2.83	-1.14	2.89	4.78
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	61	130	157
Net farm income.....	---	100	25	130	183
Net farm production.....	---	100	53	127	122
Crop yields per acre.....	---	100	49	100	119
Production per hour of man labor.....	---	100	77	138	147
Production per unit of input.....	---	100	54	106	103
Operating expense per unit of production....	---	100	181	103	107
Total cost per unit of production.....	---	100	213	110	116
Power and machinery (quantity).....	---	100	121	126	130
Prices received for products sold.....	---	100	95	93	79
Prices paid, including wages to hired labor.	---	100	109	111	116

<sup>1</sup> Preliminary. <sup>2</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 28. --Irrigated cotton farms, High Plains, Texas: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964 <sup>1</sup>	1965	1966 <sup>2</sup>
Land in farm.....	Acre	364	455	473	492
Cropland harvested.....	do.	300	276	304	285
Crops harvested:					
Cotton: nonirrigated.....	do.	24.9	31.1	38.0	29.5
irrigated.....	do.	108.6	134.4	136.5	99.4
Grain sorghum: nonirrigated.....	do.	105.0	54.6	75.9	93.0
irrigated.....	do.	57.4	53.2	50.8	60.9
Forage.....	do.	4.6	3.2	2.8	2.6
Crop yields per harvested acre:					
Cotton: nonirrigated.....	Pound	259	120	250	300
irrigated.....	do.	513	520	580	525
Grain sorghum: nonirrigated.....	Cwt.	12.4	5.3	10.2	11.5
irrigated.....	do.	29.5	35.2	40.5	39.5
Forage.....	Ton	2.4	1.8	2.9	2.5
Livestock on farm, Jan. 1:					
All cattle.....	Number	7.1	5.6	5.4	5.5
Milk cows.....	do.	1.1	.6	.6	.5
Chickens.....	do.	44	19	17	15
Pigs raised.....	do.	12.9	7.0	6.2	7.6
Tractors on farm.....	do.	2.38	2.62	2.65	2.68
Total labor used.....	Hour	6,040	5,610	5,680	4,380
Operator and family.....	do.	2,330	2,450	2,550	2,400
Hired.....	do.	3,710	3,160	3,130	1,980
Total farm capital, Jan. 1.....	Dollar	102,540	151,540	156,260	154,790
Land and buildings.....	do.	86,560	132,860	137,170	134,810
Machinery and equipment.....	do.	14,520	17,460	18,040	18,740
Livestock.....	do.	940	740	630	850
Crops.....	do.	520	480	420	390
Total cash receipts.....	do.	26,122	29,093	34,446	32,595
Cotton, lint and seed.....	do.	20,639	22,973	26,852	14,284
Other crops.....	do.	4,284	3,888	4,715	5,788
Cattle.....	do.	329	196	191	186
Hogs.....	do.	423	205	203	296
Poultry and eggs.....	do.	169	48	38	33
Other, including Government payments.....	do.	278	1,783	2,447	12,008
Value of perquisites.....	do.	891	826	843	871
Change in inventory of crops and livestock.....	do.	-95	-93	29	99
Gross farm income.....	do.	26,918	29,826	35,318	33,565

TABLE 28. --Irrigated cotton farms, High Plains, Texas: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964 <sup>1</sup>	1965	1966 <sup>2</sup>
Total cash expenditures.....	Dollar	14,539	17,315	18,754	16,071
Feed purchased.....	do.	176	104	93	98
Livestock expense.....	do.	51	40	39	39
Fertilizer.....	do.	519	1,082	931	801
Pesticides and other chemicals.....	do.	163	546	709	614
Irrigation expense.....	do.	2,112	2,844	2,687	2,185
Irrigation facilities.....	do.	581	585	605	620
Other crop expense.....	do.	398	434	431	392
Ginning.....	do.	2,022	2,798	3,529	2,600
Machinery.....	do.	4,393	4,986	5,375	5,250
Machine work hired.....	do.	521	429	560	556
Farm buildings and fences.....	do.	211	237	248	263
Labor hired.....	do.	2,896	2,481	2,754	1,810
Taxes.....	do.	398	591	632	681
Other.....	do.	98	158	161	162
Inventory adjustment, machinery and buildings.	do.	-593	-248	-386	-420
Total operating expenses.....	do.	13,946	17,067	18,368	15,651
Net farm income.....	do.	12,972	12,759	16,950	17,914
Purchasing power in 1947-49 dollars.....	do.	11,043	10,373	13,452	13,887
Charge for capital at current interest rates..	do.	5,627	8,735	9,010	8,864
Return per hour, operator and family labor....	do.	3.15	1.64	3.11	3.77
Charge for capital at 4.1 percent interest <sup>3</sup> ...	do.	4,532	6,613	6,823	6,697
Return per hour, operator and family labor....	do.	3.62	2.51	3.97	4.67
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	111	131	125
Net farm income.....	---	100	98	131	138
Net farm production.....	---	100	109	132	101
Crop yields per acre.....	---	100	93	112	106
Production per hour of man labor.....	---	100	117	141	140
Production per unit of input.....	---	100	95	110	96
Operating expense per unit of production....	---	100	113	100	111
Total cost per unit of production.....	---	100	116	103	120
Power and machinery (quantity).....	---	100	105	107	107
Prices received for products sold.....	---	100	97	94	79
Prices paid, including wages to hired labor.	---	100	108	111	114

<sup>1</sup> Revised. <sup>2</sup> Preliminary. <sup>3</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 29. --Cotton-specialty crop farms, San Joaquin Valley, California: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	329	357	362	367
Cropland harvested.....	do.	312	321	326	313
Crops harvested:					
Cotton.....	do.	123	120	114	98
Alfalfa hay.....	do.	61	78	69	68
Potatoes.....	do.	79	62	77	74
Barley.....	do.	49	61	66	73
Crop yields per harvested acre:					
Cotton.....	Pound	1,040	1,079	1,067	925
Alfalfa hay.....	Ton	5.0	5.7	5.4	5.7
Potatoes.....	Cwt.	294	365	315	330
Barley.....	Bushel	50.8	67.4	54.4	53.7
Total labor used.....	Hour	12,720	12,530	12,190	11,300
Operator and family.....	do.	2,600	2,600	2,600	2,600
Hired.....	do.	10,120	9,930	9,590	8,700
Total farm capital, Jan. 1.....	Dollar	250,160	307,270	318,020	339,880
Land and buildings.....	do.	212,030	255,990	264,580	283,660
Irrigation system.....	do.	16,620	24,010	24,630	25,870
Machinery and equipment.....	do.	21,510	27,270	28,810	30,350
Total cash receipts.....	do.	102,582	148,331	173,291	105,608
Cotton, lint and seed.....	do.	45,805	51,974	46,768	30,015
Potatoes.....	do.	46,790	79,658	113,028	49,084
Alfalfa hay.....	do.	7,464	12,033	9,330	11,042
Barley.....	do.	2,523	4,604	4,097	4,782
Other, including Government payment.....	do.	0	62	68	10,685
Value of perquisites.....	do.	678	678	683	694
Gross farm income.....	do.	103,260	149,009	173,974	106,302



TABLE 29. --Cotton-specialty crop farms, San Joaquin Valley, California: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	70,462	81,615	91,832	85,471
Labor hired.....	do.	9,728	10,048	10,250	9,903
Fertilizer.....	do.	4,708	4,658	5,463	5,144
Pesticides and other chemicals.....	do.	2,309	2,910	3,409	3,288
Other crop expense.....	do.	7,000	5,661	12,268	6,751
Operating cost of machinery.....	do.	5,251	5,551	5,806	5,691
Machinery purchased.....	do.	4,341	5,978	6,268	6,209
Machine work hired.....	do.	21,040	24,833	26,484	27,544
Ginning.....	do.	4,180	5,140	4,768	3,662
Farm buildings.....	do.	215	249	251	256
Irrigation facilities.....	do.	1,654	2,324	2,385	2,504
Irrigation water.....	do.	5,385	8,497	8,550	8,325
Taxes.....	do.	3,002	3,687	3,816	4,079
Workmen's compensation.....	do.	624	946	974	969
Other.....	do.	1,025	1,133	1,140	1,146
Inventory adjustment, machinery and buildings.	do.	-79	-612	-608	-256
Total operating expenses.....	do.	70,383	81,003	91,224	85,215
Net farm income.....	do.	32,877	68,006	82,750	21,087
Purchasing power in 1947-49 dollars.....	do.	27,953	55,289	65,675	16,347
Charge for capital at current interest rates..	do.	14,049	18,729	19,614	20,642
Return to operator and family labor.....	do.	18,828	49,277	63,136	445
Charge for capital at 4.1 percent interest <sup>2</sup> ...	do.	11,773	14,427	15,162	15,884
Return to operator and family labor.....	do.	21,104	53,579	67,588	5,203
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	144	168	103
Net farm income.....	---	100	207	252	64
Net farm production.....	---	100	106	103	93
Crop yields per acre.....	---	100	115	105	103
Production per hour of man labor.....	---	100	108	108	105
Production per unit of input.....	---	100	103	93	87
Operating expense per unit of production....	---	100	110	126	130
Total cost per unit of production.....	---	100	111	125	132
Power and machinery (quantity).....	---	100	117	119	119
Prices received for products sold.....	---	100	138	164	99
Prices paid, including wages to hired labor.	---	100	114	117	114

<sup>1</sup> Preliminary. <sup>2</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 30. --Medium-sized cotton-general crop farms, San Joaquin Valley, California:  
Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	329	357	362	367
Cropland harvested.....	do.	312	321	326	314
Crops harvested:					
Cotton.....	do.	133	130	127	111
Alfalfa hay.....	do.	116	115	118	119
Barley.....	do.	45	41	45	38
Corn.....	do.	18	35	36	46
Crop yields per harvested acre:					
Cotton.....	Pound	1,040	1,079	1,067	925
Alfalfa hay.....	Ton	5.0	5.7	5.4	5.7
Barley.....	Bushel	50.8	67.4	54.4	53.7
Corn.....	do.	57.0	68.2	80.3	77.1
Total labor used.....	Hour	9,880	9,790	9,360	8,220
Operator and family.....	do.	2,600	2,600	2,600	2,600
Hired.....	do.	7,280	7,190	6,760	5,620
Total farm capital, Jan. 1.....	Dollar	254,920	304,790	315,570	337,380
Land and buildings.....	do.	212,030	256,150	264,740	283,820
Irrigation system.....	do.	18,490	20,100	20,620	21,660
Machinery and equipment.....	do.	24,400	28,540	30,210	31,900
Total cash receipts.....	do.	67,867	80,733	75,011	72,658
Cotton, lint and seed.....	do.	50,067	56,305	52,100	33,994
Alfalfa hay.....	do.	14,056	17,738	15,923	19,296
Barley.....	do.	2,334	3,095	2,815	2,490
Corn.....	do.	1,410	3,533	4,105	5,391
Other, including Government payment.....	do.	0	62	68	11,487
Value of perquisites.....	do.	688	689	695	705
Gross farm income.....	do.	68,555	81,422	75,706	73,363

TABLE 30. --Medium-sized cotton-general crop farms, San Joaquin Valley, California:  
Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	41,117	48,786	50,116	48,109
Labor hired.....	do.	6,951	7,352	7,253	6,398
Fertilizer.....	do.	2,745	3,223	3,392	3,279
Pesticides and other chemicals.....	do.	1,971	2,209	2,864	2,818
Other crop expense.....	do.	910	991	1,020	1,006
Operating cost of machinery.....	do.	5,192	5,870	5,963	5,860
Machinery purchased.....	do.	4,956	5,778	5,968	5,857
Machine work hired.....	do.	2,402	4,457	4,780	4,876
Ginning.....	do.	4,553	5,569	5,312	4,148
Farm buildings.....	do.	214	216	217	221
Irrigation facilities.....	do.	1,837	1,912	1,959	2,057
Irrigation water.....	do.	5,061	5,937	5,984	5,984
Taxes.....	do.	3,059	3,657	3,787	4,049
Workmen's compensation.....	do.	441	692	689	626
Other.....	do.	825	923	928	930
Inventory adjustment, machinery and buildings..	do.	-79	-783	-692	-286
Total operating expenses.....	do.	41,038	48,003	49,424	47,823
Net farm income.....	do.	27,517	33,419	26,282	25,540
Purchasing power in 1947-49 dollars.....	do.	23,449	27,170	20,859	19,798
Charge for capital at current interest rates...	do.	13,992	18,238	18,884	20,093
Return to operator and family labor.....	do.	13,525	15,181	7,398	5,447
Charge for capital at 4.1 percent interest <sup>2</sup> ....	do.	11,673	13,971	14,466	15,370
Return to operator and family labor.....	do.	15,844	19,448	11,816	10,170
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	119	110	107
Net farm income.....	---	100	121	96	93
Net farm production.....	---	100	107	105	89
Crop yields per acre.....	---	100	107	104	95
Production per hour of man labor.....	---	100	108	110	107
Production per unit of input.....	---	100	99	96	86
Operating expense per unit of production.....	---	100	109	115	130
Total cost per unit of production.....	---	100	109	115	134
Power and machinery (quantity).....	---	100	102	104	104
Prices received for products sold.....	---	100	111	106	101
Prices paid, including wages to hired labor..	---	100	108	110	114

<sup>1</sup> Preliminary. <sup>2</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 31. --Large cotton-general crop farms, San Joaquin Valley, California: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	1,201	1,305	1,325	1,345
Cropland harvested.....	do.	1,007	1,037	1,053	1,004
Fallow.....	do.	70	141	143	145
Crops harvested:					
Cotton.....	do.	426	423	411	359
Alfalfa hay.....	do.	286	298	284	288
Barley.....	do.	278	294	332	324
Corn.....	do.	17	22	26	33
Crop yields per harvested acre:					
Cotton.....	Pound	1,040	1,079	1,067	925
Alfalfa hay.....	Ton	5.0	5.7	5.4	5.7
Barley.....	Bushel	50.8	67.4	54.4	53.7
Corn.....	do.	57.0	68.2	80.3	77.1
Total labor used.....	Hour	29,110	29,540	27,690	24,800
Operator and family.....	do.	2,600	2,600	2,600	2,600
Hired.....	do.	26,510	26,940	25,090	22,200
Total farm capital, Jan. 1.....	Dollar	865,990	1,045,430	1,082,460	1,159,330
Land and buildings.....	do.	758,570	920,300	952,760	1,023,630
Irrigation system.....	do.	41,870	48,540	49,800	52,300
Machinery and equipment.....	do.	65,550	76,590	79,900	83,400
Total cash receipts.....	do.	211,607	253,785	230,792	219,235
Cotton, lint and seed.....	do.	161,084	183,212	168,610	109,952
Alfalfa hay.....	do.	34,774	45,941	38,166	46,731
Barley.....	do.	14,418	22,194	20,770	21,227
Corn.....	do.	1,331	2,220	3,007	3,867
Other, including Government payment.....	do.	0	218	239	37,458
Value of perquisites.....	do.	1,017	1,023	1,032	1,047
Gross farm income.....	do.	212,624	254,808	231,824	220,282



TABLE 31. --Large cotton-general crop farms, San Joaquin Valley, California: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	130,320	156,348	159,270	154,026
Labor hired.....	do.	27,764	30,138	29,823	28,504
Fertilizer.....	do.	9,375	11,110	11,833	11,133
Pesticides and other chemicals.....	do.	6,402	7,159	9,111	8,918
Other crop expense.....	do.	2,791	2,997	3,091	3,022
Operating cost of machinery.....	do.	14,967	17,476	17,830	17,319
Machinery purchased.....	do.	15,598	14,031	14,064	13,985
Machine work hired.....	do.	4,160	13,190	13,565	13,646
Ginning.....	do.	14,545	18,120	17,191	13,416
Farm buildings.....	do.	1,037	1,043	1,051	1,067
Irrigation facilities.....	do.	5,692	4,600	4,731	4,968
Irrigation water.....	do.	14,171	19,373	19,424	19,608
Taxes.....	do.	10,444	12,545	12,990	13,912
Workmen's compensation.....	do.	1,783	2,836	2,833	2,788
Other.....	do.	1,591	1,730	1,733	1,740
Inventory adjustment, machinery and buildings.	do.	-2,721	-1,681	-1,186	-538
Total operating expenses.....	do.	127,599	154,667	158,084	153,488
Net farm income.....	do.	85,025	100,141	73,740	66,794
Purchasing power in 1947-49 dollars.....	do.	72,424	81,415	58,524	51,778
Charge for capital at current interest rates..	do.	47,493	62,258	64,424	68,738
Return to operator and family labor.....	do.	37,532	37,883	9,316	-1,944
Charge for capital at 4.1 percent interest <sup>2</sup> ...	do.	39,573	47,622	49,270	52,508
Return to operator and family labor.....	do.	45,452	52,519	24,470	14,286
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	120	109	104
Net farm income.....	---	100	118	87	79
Net farm production.....	---	100	109	103	86
Crop yields per acre.....	---	100	108	104	95
Production per hour of man labor.....	---	100	107	109	101
Production per unit of input.....	---	100	98	93	81
Operating expense per unit of production....	---	100	112	120	140
Total cost per unit of production.....	---	100	111	120	143
Power and machinery (quantity).....	---	100	103	104	104
Prices received for products sold.....	---	100	110	106	100
Prices paid, including wages to hired labor	---	100	108	111	115

<sup>1</sup> Preliminary. <sup>2</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 32. --Peanut-cotton farms, Southern Coastal Plains: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	159	190	195	200
Cropland harvested.....	do.	62	70	71	68
Crops harvested:					
Cotton.....	do.	9.1	15.8	15.6	10.7
Corn <sup>2</sup> .....	do.	33.2	29.1	29.3	29.4
Peanuts.....	do.	17.5	23.8	24.8	26.2
Peanut hay <sup>3</sup> .....	do.	7.3	7.2	7.9	8.1
Crop yields per harvested acre:					
Cotton.....	Pound	377	539	510	460
Corn.....	Bushel	31.1	42.8	51.9	40.4
Peanuts.....	Pound	987	1,569	1,689	1,451
Peanut hay.....	Ton	.66	.77	.88	.57
Livestock on farm, Jan. 1:					
All cattle.....	Number	9.0	13.5	14.3	14.6
Milk cows.....	do.	1.8	.5	.4	.4
Beef cows.....	do.	2.9	6.3	6.8	7.2
Pigs raised.....	do.	43.8	49.7	48.6	52.9
Tractors on farm.....	do.	.89	1.15	1.17	1.19
Total labor used.....	Hour	3,470	3,660	3,590	3,060
Operator and family.....	do.	2,650	2,490	2,530	2,330
Hired.....	do.	820	1,170	1,060	730
Total farm capital, Jan. 1.....	Dollar	15,040	25,240	29,230	33,970
Land and buildings.....	do.	10,870	19,360	23,340	27,170
Machinery and equipment.....	do.	2,500	3,430	3,670	3,980
Livestock.....	do.	1,190	1,770	1,590	2,100
Crops.....	do.	480	680	630	720
Total cash receipts.....	do.	5,227	9,794	11,127	10,133
Cotton, lint and seed.....	do.	1,250	2,766	2,596	1,255
Peanuts.....	do.	1,653	4,046	4,624	4,232
Other crops.....	do.	574	773	1,061	718
Cattle.....	do.	323	431	548	669
Hogs.....	do.	1,101	1,340	1,715	2,066
Other livestock and livestock products.....	do.	133	15	---	---
Other, including Government payments.....	do.	193	423	583	1,193
Value of perquisites.....	do.	517	495	501	519
Change in inventory of crops and livestock....	do.	126	-6	74	138
Gross farm income.....	do.	5,870	10,283	11,702	10,790

TABLE 32. --Peanut-cotton farms, Southern Coastal Plains: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	3,219	4,870	5,081	4,744
Feed purchased.....	do.	109	144	145	169
Livestock expense.....	do.	32	48	50	53
Fertilizer and lime.....	do.	629	812	824	739
Pesticide and other chemicals.....	do.	94	378	408	378
Other crop expense.....	do.	299	494	513	530
Ginning.....	do.	80	237	226	143
Machinery.....	do.	1,256	1,648	1,759	1,769
Machine work hired.....	do.	185	364	426	363
Farm buildings and fences.....	do.	124	100	100	103
Labor hired.....	do.	319	504	480	333
Taxes.....	do.	77	120	128	142
Other.....	do.	15	21	22	22
Inventory adjustment, machinery and buildings.	do.	-109	-112	-151	-168
Total operating expenses.....	do.	3,110	4,758	4,930	4,576
Net farm income.....	do.	2,760	5,525	6,772	6,214
Purchasing power in 1947-49 dollars.....	do.	2,352	4,492	5,375	4,817
Charge for capital at current interest rates..	do.	894	1,533	1,758	2,009
Return per hour, operator and family labor....	do.	.70	1.60	1.98	1.80
Charge for capital at 4.1 percent interest <sup>4</sup> ...	do.	708	1,180	1,348	1,534
Return per hour, operator and family labor....	do.	.77	1.74	2.14	2.01
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	175	199	184
Net farm income.....	---	100	200	245	225
Net farm production.....	---	100	179	190	154
Crop yields per acre.....	---	100	148	159	135
Production per hour of man labor.....	---	100	170	183	175
Production per unit of input.....	---	100	129	136	121
Operating expense per unit of production....	---	100	87	85	96
Total cost per unit of production.....	---	100	82	83	97
Power and machinery (quantity).....	---	100	120	127	133
Prices received for products sold.....	---	100	98	104	109
Prices paid, including wages to hired labor.	---	100	99	103	105

<sup>1</sup> Preliminary.    <sup>2</sup> Includes corn hogged-off.    <sup>3</sup> Hay saved from peanuts picked and threshed.  
<sup>4</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 33. --Tobacco farms, Coastal Plain, North Carolina: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	91	96	97	98
Cropland harvested.....	do.	39.2	34.9	33.2	34.6
Other.....	do.	51.8	61.1	63.8	63.4
Crops harvested:					
Tobacco.....	do.	7.7	7.7	6.8	7.7
Corn.....	do.	20.3	17.0	16.5	17.0
Hay.....	do.	2.6	1.4	1.4	1.4
Other crops.....	do.	8.6	8.8	8.5	8.5
Crop yields per harvested acre:					
Tobacco.....	Pound	1,603	2,276	1,855	1,892
Corn.....	Bushel	40.7	63.4	74.0	47.2
Hay.....	Ton	1.2	1.4	1.6	1.5
Livestock on farm, Jan. 1:					
All cattle.....	Number	1.2	1.2	1.2	1.2
Milk cows.....	do.	.3	.3	.3	.3
Chickens.....	do.	27	20	20	20
Brood sows.....	do.	1.4	1.4	1.4	1.9
Tractors on farm.....	do.	1.1	1.4	1.4	1.4
Total labor used.....	Hour	5,470	5,700	4,570	5,040
Operator and family.....	do.	2,520	2,420	2,000	2,120
Hired.....	do.	2,950	3,280	2,570	2,920
Total farm capital, Jan. 1.....	Dollar	32,690	41,370	43,540	44,450
Land and buildings.....	do.	28,110	35,900	37,930	38,320
Machinery and equipment.....	do.	3,400	4,480	4,650	4,860
Livestock.....	do.	550	460	420	670
Crops.....	do.	630	530	540	600
Total cash receipts.....	do.	8,503	12,215	10,433	11,998
Tobacco.....	do.	6,831	9,798	7,770	9,548
Corn.....	do.	630	949	973	396
Other crops.....	do.	498	626	541	656
Livestock and livestock products.....	do.	512	522	784	961
Other, including Government payments.....	do.	32	320	365	437
Value of perquisites.....	do.	556	613	606	617
Change in inventory of crops and livestock....	do.	11	3	75	177
Gross farm income.....	do.	9,070	12,831	11,114	12,792

TABLE 33. --Tobacco farms, Coastal Plain, North Carolina: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	5,269	6,427	5,839	6,596
Feed purchased and other livestock expense..	do.	117	118	131	159
Crop expense.....	do.	1,375	1,674	1,471	1,652
Machinery.....	do.	1,617	1,705	1,732	1,776
Farm buildings and fences.....	do.	227	352	368	354
Hired labor.....	do.	1,751	2,312	1,862	2,364
Taxes.....	do.	124	190	198	213
Other.....	do.	58	76	77	78
Inventory adjustment, machinery and buildings.	do.	-201	-21	-28	33
Total operating expenses.....	do.	5,067	6,406	5,811	6,629
Net farm income.....	do.	4,003	6,425	5,303	6,163
Purchasing power in 1947-49 dollars.....	do.	3,408	5,224	4,209	4,778
Charge for capital at current interest rates..	do.	1,928	2,646	2,756	2,847
Return per hour, operator and family labor....	do.	.82	1.56	1.27	1.56
Charge for capital at 4.1 percent interest <sup>2</sup> ...	do.	1,468	1,860	1,929	2,002
Return per hour, operator and family labor....	do.	1.01	1.89	1.69	1.96
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	141	123	141
Net farm income.....	---	100	161	132	154
Net farm production.....	---	100	136	107	114
Crop yields per acre.....	---	100	143	124	118
Production per hour of man labor.....	---	100	131	129	124
Production per unit of input.....	---	100	125	110	110
Operating expense per unit of production....	---	100	93	107	115
Total cost per unit of production.....	---	100	92	107	113
Power and machinery (quantity).....	---	100	111	113	113
Prices received for products sold.....	---	100	101	111	120
Prices paid, including wages to hired labor.	---	100	112	115	122

<sup>1</sup> Preliminary. <sup>2</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.



TABLE 34. --Tobacco-cotton farms, Coastal Plain, North Carolina: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	97	105	107	109
Cropland harvested.....	do.	43.8	41.1	39.5	41.1
Other land.....	do.	53.2	63.9	67.5	67.9
Crops harvested:					
Tobacco.....	do.	7.4	7.5	6.6	7.5
Cotton.....	do.	5.4	7.4	7.2	4.5
Corn.....	do.	19.3	15.1	14.6	15.9
Hay.....	do.	3.6	1.6	1.6	1.6
Other crops.....	do.	8.1	9.5	9.5	11.6
Crop yields per harvested acre:					
Tobacco.....	Pound	1,603	2,276	1,855	1,892
Cotton.....	do.	404	489	303	304
Corn.....	Bushel	40.7	63.4	74.0	47.2
Hay.....	Ton	1.2	1.4	1.6	1.5
Livestock on farm, Jan. 1:					
All cattle.....	Number	1.6	1.5	1.5	1.5
Milk cows.....	do.	.5	.3	.3	.3
Chickens.....	do.	27	20	20	20
Brood sows.....	do.	1.3	1.3	1.3	1.7
Tractors on farm.....	do.	1.2	1.5	1.5	1.5
Total labor used.....	Hour	6,050	6,690	5,280	5,450
Operator and family.....	do.	2,620	2,600	2,120	2,180
Hired.....	do.	3,430	4,090	3,160	3,270
Total farm capital, Jan. 1.....	Dollar	34,770	44,920	47,720	48,980
Land and buildings.....	do.	29,980	39,270	41,840	42,620
Machinery and equipment.....	do.	3,560	4,740	4,940	5,170
Livestock.....	do.	580	460	450	660
Crops.....	do.	650	450	490	530
Total cash receipts.....	do.	8,895	12,918	10,791	12,383
Tobacco.....	do.	6,570	9,544	7,542	9,300
Cotton, lint and seed.....	do.	762	1,220	733	381
Corn.....	do.	607	844	931	521
Other crops.....	do.	485	561	577	778
Livestock and livestock products.....	do.	433	413	609	752
Other, including Government payments.....	do.	38	336	399	651
Value of perquisites.....	do.	593	640	637	648
Change in inventory of crops and livestock....	do.	20	40	56	155
Gross farm income.....	do.	9,508	13,598	11,484	13,186

TABLE 34. --Tobacco-cotton farms, Coastal Plain, North Carolina: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	5,789	7,287	6,545	7,112
Feed purchased and other livestock expense...	do.	111	105	114	136
Crop expense.....	do.	1,416	1,746	1,548	1,714
Machinery.....	do.	1,794	1,903	1,902	1,920
Farm buildings and fences.....	do.	242	372	405	390
Labor hired.....	do.	2,039	2,881	2,286	2,642
Taxes.....	do.	132	206	216	233
Other.....	do.	55	74	74	77
Inventory adjustment, machinery and buildings.	do.	-241	-32	-36	29
Total operating expenses.....	do.	5,548	7,255	6,509	7,141
Net farm income.....	do.	3,960	6,343	4,975	6,045
Purchasing power in 1947-49 dollars.....	do.	3,371	5,157	3,948	4,686
Charge for capital at current interest rates...	do.	2,080	2,880	3,024	3,131
Return per hour, operator and family labor.....	do.	.72	1.33	.92	1.34
Charge for capital at 4.1 percent interest <sup>2</sup> ....	do.	1,588	2,027	2,118	2,200
Return per hour, operator and family labor.....	do.	.91	1.66	1.35	1.76
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	143	121	139
Net farm income.....	---	100	160	126	153
Net farm production.....	---	100	139	107	111
Crop yields per acre.....	---	100	141	120	114
Production per hour of man labor.....	---	100	125	122	124
Production per unit of input.....	---	100	123	107	108
Operating expense per unit of production.....	---	100	95	110	116
Total cost per unit of production.....	---	100	93	110	115
Power and machinery (quantity).....	---	100	111	111	113
Prices received for products sold.....	---	100	101	109	118
Prices paid, including wages to hired labor..	---	100	113	115	122

<sup>1</sup> Preliminary. <sup>2</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 35. --Tobacco-livestock farms, Inner Bluegrass Area, Kentucky: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	204	222	228	230
Cropland harvested.....	do.	58	53	54	54
Pasture.....	do.	133	150	154	155
Crops harvested:					
Tobacco.....	do.	7.1	7.5	6.8	5.9
Corn for grain.....	do.	12.8	9.6	9.7	11.2
Small grains.....	do.	5.6	2.4	2.9	2.9
Alfalfa.....	do.	16.3	20.2	19.6	16.1
Other hay.....	do.	16.3	12.9	14.7	17.5
Crop yields per harvested acre:					
Tobacco.....	Pound	1,722	1,960	1,998	2,438
Corn for grain.....	Bushel	60	63	74	86
Wheat.....	do.	24	32	32	28
Alfalfa.....	Ton	2.8	3.0	2.8	2.9
Other hay.....	do.	1.4	1.5	1.5	1.9
Livestock on farm, Jan. 1:					
All cattle.....	Number	37.9	58.2	59.4	60.6
Beef cows.....	do.	23.8	36.3	39.9	39.9
Ewes.....	do.	58.7	42.5	36.1	33.5
Brood sows.....	do.	2.8	2.7	3.1	3.0
Pigs raised.....	do.	34.4	30.9	34.0	34.1
Tractors on farm.....	do.	1.4	1.6	1.6	1.6
Total labor used.....	Hour	4,400	4,440	4,230	4,040
Operator and family.....	do.	2,630	2,660	2,540	2,420
Hired.....	do.	1,770	1,780	1,690	1,620
Total farm capital, Jan. 1.....	Dollar	90,030	111,630	114,280	120,740
Land and buildings.....	do.	77,570	96,350	99,860	104,190
Machinery and equipment.....	do.	4,650	5,490	5,450	5,760
Livestock.....	do.	5,770	7,610	6,550	8,500
Crops.....	do.	2,040	2,180	2,420	2,290
Total cash receipts.....	do.	12,810	14,304	15,282	16,517
Tobacco.....	do.	7,752	8,963	8,876	9,675
Cattle and calves.....	do.	2,783	3,589	4,545	4,948
Hogs and pigs.....	do.	739	653	809	904
Sheep and lambs.....	do.	928	866	797	752
Poultry and eggs.....	do.	31	7	7	8
Wool.....	do.	262	120	121	116
Other, including Government payments.....	do.	315	106	127	114
Value of perquisites.....	do.	1,310	1,527	1,600	1,701
Change in inventory of crops and livestock.....	do.	282	-81	193	372
Gross farm income.....	do.	14,402	15,750	17,075	18,590

TABLE 35. --Tobacco-livestock farms, Inner Bluegrass Area, Kentucky: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	7,353	8,668	9,076	9,243
Feed purchased.....	do.	345	1,369	1,449	1,143
Livestock purchased.....	do.	801	580	564	650
Other livestock expense.....	do.	167	186	192	198
Fertilizer and lime.....	do.	635	749	726	704
Other crop expense.....	do.	398	410	414	430
Machinery.....	do.	1,766	1,840	2,152	2,227
Farm buildings and fences.....	do.	801	670	694	865
Labor hired.....	do.	1,524	1,812	1,827	1,890
Taxes.....	do.	432	500	507	551
Other.....	do.	484	552	551	585
Inventory adjustment, machinery and buildings.	do.	-62	326	70	-20
Total operating expenses.....	do.	7,291	8,994	9,146	9,223
Net farm income.....	do.	7,111	6,756	7,929	9,367
Purchasing power in 1947-49 dollars.....	do.	6,057	5,493	6,293	7,261
Charge for capital at current interest rates...	do.	4,622	6,282	6,429	6,786
Return per hour, operator and family labor.....	do.	.95	.18	.59	1.07
Charge for capital at 4.1 percent interest <sup>2</sup> ....	do.	3,800	4,719	4,829	5,095
Return per hour, operator and family labor.....	do.	1.26	.77	1.22	1.77
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	109	119	129
Net farm income.....	---	100	95	112	132
Net farm production.....	---	100	113	113	117
Crop yields per acre.....	---	100	112	115	137
Production per hour of man labor.....	---	100	112	117	127
Production per unit of input.....	---	100	105	106	110
Operating expense per unit of production.....	---	100	105	108	107
Total cost per unit of production.....	---	100	105	108	108
Power and machinery (quantity).....	---	100	99	101	102
Prices received for products sold.....	---	100	92	101	108
Prices paid, including wages to hired labor..	---	100	107	111	115

<sup>1</sup> Preliminary. <sup>2</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 36. --Tobacco-dairy farms, Intermediate Bluegrass Area, Kentucky: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	111	116	117	117
Cropland harvested.....	do.	25	22	21	20
Pasture.....	do.	42	44	44	44
Crops harvested:					
Tobacco.....	do.	2.2	2.1	1.9	1.6
Corn for grain.....	do.	8.3	3.5	3.5	3.6
Alfalfa.....	do.	7.7	9.9	9.9	8.7
Other hay.....	do.	6.5	6.0	6.0	6.2
Crop yields per harvested acre:					
Tobacco.....	Pound	1,600	1,799	1,923	2,375
Corn for grain.....	Bushel	52	60	63	70
Alfalfa.....	Ton	2.0	1.6	2.1	2.0
Other hay.....	do.	1.3	1.4	1.1	1.3
Livestock on farm, Jan. 1:					
All cattle.....	Number	17.1	19.3	19.5	19.5
Cows and heifers, 2 years old and over.....	do.	10.2	10.9	11.2	11.2
Milk production per cow.....	Pound	5,550	6,400	6,440	6,880
Tractors on farm.....	Number	.8	1.1	1.1	1.1
Total labor used.....	Hour	3,560	3,410	3,380	3,250
Operator and family.....	do.	3,380	3,220	3,210	3,090
Hired.....	do.	180	190	170	160
Total farm capital, Jan. 1.....	Dollar	19,390	25,050	25,030	25,970
Land and buildings.....	do.	13,810	18,330	18,600	19,190
Machinery and equipment.....	do.	2,630	3,020	2,990	3,040
Livestock.....	do.	2,260	2,740	2,480	2,920
Crops.....	do.	690	960	960	820
Total cash receipts.....	do.	4,268	5,107	5,339	6,177
Tobacco.....	do.	2,204	2,296	2,404	2,527
Dairy products.....	do.	1,412	2,020	2,076	2,570
Cattle and calves.....	do.	530	704	798	1,015
Poultry and eggs.....	do.	67	52	26	30
Other, including Government payments.....	do.	55	35	35	35
Value of perquisites.....	do.	591	636	661	724
Change in inventory of crops and livestock.....	do.	42	-75	11	-163
Gross farm income.....	do.	4,901	5,668	6,011	6,738



TABLE 36. --Tobacco-dairy farms, Intermediate Bluegrass Area, Kentucky: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	2,571	2,797	2,765	2,986
Feed purchased.....	do.	143	515	390	481
Livestock purchased.....	do.	27	19	20	22
Other livestock expense.....	do.	70	91	94	95
Fertilizer and lime.....	do.	241	284	275	254
Other crop expense.....	do.	122	147	152	143
Machinery.....	do.	1,133	1,064	1,210	1,282
Farm buildings and fences.....	do.	381	143	93	155
Labor hired.....	do.	146	181	173	178
Taxes.....	do.	101	126	125	134
Other.....	do.	207	227	233	242
Inventory adjustment, machinery and buildings.	do.	-185	199	190	110
Total operating expenses.....	do.	2,386	2,996	2,955	3,096
Net farm income.....	do.	2,515	2,672	3,056	3,642
Purchasing power in 1947-49 dollars.....	do.	2,142	2,172	2,425	2,823
Charge for capital at current interest rates..	do.	1,489	1,451	1,448	1,505
Return per hour, operator and family labor....	do.	.30	.38	.50	.69
Charge for capital at 4.1 percent interest <sup>2</sup> ...	do.	849	1,100	1,097	1,142
Return per hour, operator and family labor....	do.	.49	.49	.61	.81
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	116	123	137
Net farm income.....	---	100	106	122	145
Net farm production.....	---	100	110	113	115
Crop yields per acre.....	---	100	109	116	137
Production per hour of man labor.....	---	100	114	119	126
Production per unit of input.....	---	100	110	113	116
Operating expense per unit of production....	---	100	108	106	109
Total cost per unit of production.....	---	100	104	104	107
Power and machinery (quantity).....	---	100	95	93	92
Prices received for products sold.....	---	100	99	104	115
Prices paid, including wages to hired labor.	---	100	107	110	113

<sup>1</sup> Preliminary. <sup>2</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 37. --Tobacco-dairy farms, Outer Bluegrass Area, Kentucky: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	126	136	140	144
Cropland harvested.....	do.	40	40	41	42
Pasture.....	do.	72	78	80	82
Crops harvested:					
Tobacco.....	do.	2.8	3.1	2.8	2.4
Corn for grain.....	do.	8.3	7.1	7.4	7.2
Corn for silage.....	do.	4.4	4.6	5.5	5.5
Small grains.....	do.	2.8	1.9	1.7	1.8
Alfalfa.....	do.	9.8	13.4	14.2	13.5
Other hay.....	do.	11.5	10.1	9.7	11.3
Crop yields per harvested acre:					
Tobacco.....	Pound	1,730	1,929	2,097	2,470
Corn for grain.....	Bushel	59	74	78	80
Corn for silage.....	Ton	10.2	14.0	14.0	12.5
Alfalfa.....	do.	2.4	2.6	2.8	2.2
Other hay.....	do.	1.4	1.4	1.4	1.6
Livestock on farm, Jan. 1:					
All cattle.....	Number	24.9	33.1	32.3	32.6
Cows and heifers, 2 years old and over.....	do.	15.1	19.1	19.7	19.7
Brood sows.....	do.	1.4	1.2	1.2	1.1
Pigs raised.....	do.	16.7	15.5	15.1	14.4
Milk production per cow.....	Pound	6,760	7,680	7,980	8,380
Tractors on farm.....	Number	1.0	1.4	1.4	1.4
Total labor used.....	Hour	4,400	4,920	4,670	4,810
Operator and family.....	do.	3,870	4,180	3,970	4,090
Hired.....	do.	530	740	700	720
Total farm capital, Jan. 1.....	Dollar	35,620	49,280	50,550	54,150
Land and buildings.....	do.	26,060	36,450	37,800	40,180
Machinery and equipment.....	do.	4,790	6,140	6,460	6,870
Livestock.....	do.	3,480	4,780	4,240	5,100
Crops.....	do.	1,290	1,910	2,050	2,000
Total cash receipts.....	do.	8,207	11,096	11,515	12,971
Tobacco.....	do.	3,072	3,609	3,874	3,890
Dairy products.....	do.	3,930	5,818	6,164	7,214
Cattle and calves.....	do.	718	1,264	961	1,372
Hogs and pigs.....	do.	354	314	425	407
Poultry and eggs.....	do.	73	38	36	33
Other, including Government payments.....	do.	60	53	55	55
Value of perquisites.....	do.	839	969	1,024	1,122
Change in inventory of crops and livestock....	do.	216	-137	117	-391
Gross farm income.....	do.	9,262	11,928	12,656	13,702

TABLE 37. --Tobacco-dairy farms, Outer Bluegrass Area, Kentucky: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	4,820	6,739	6,947	7,355
Feed purchased.....	do.	858	1,377	1,366	1,510
Livestock expense.....	do.	151	222	223	229
Fertilizer and lime.....	do.	308	451	451	430
Other crop expense.....	do.	200	260	256	261
Machinery.....	do.	1,898	2,461	2,604	2,750
Farm buildings and fences.....	do.	474	667	730	745
Labor hired.....	do.	411	679	679	760
Taxes.....	do.	180	238	242	266
Other.....	do.	340	384	396	404
Inventory adjustment, machinery and buildings	do.	-105	-163	-157	-196
Total operating expenses.....	do.	4,715	6,576	6,790	7,159
Net farm income.....	do.	4,547	5,352	5,866	6,543
Purchasing power in 1947-49 dollars.....	do.	3,788	4,351	4,656	5,072
Charge for capital at current interest rates..	do.	1,895	2,872	2,944	3,161
Return per hour, operator and family labor....	do.	.69	.59	.74	.83
Charge for capital at 4.1 percent interest <sup>2</sup> ...	do.	1,569	2,182	2,237	2,403
Return per hour, operator and family labor....	do.	.77	.76	.91	1.01
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	129	137	148
Net farm income.....	---	100	118	129	144
Net farm production.....	---	100	130	128	126
Crop yields per acre.....	---	100	113	123	133
Production per hour of man labor.....	---	100	116	122	114
Production per unit of input.....	---	100	110	109	106
Operating expense per unit of production....	---	100	107	111	119
Total cost per unit of production.....	---	100	104	107	117
Power and machinery (quantity).....	---	100	112	115	118
Prices received for products sold.....	---	100	97	104	114
Prices paid, including wages to hired labor.	---	100	109	111	115

<sup>1</sup> Preliminary.    <sup>2</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 38. --Tobacco-beef farms, Pennyroyal Area, Kentucky-Tennessee: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	254	316	324	330
Cropland harvested.....	do.	99.2	130.0	134.0	133.9
Crops harvested:					
Burley tobacco.....	do.	1.6	2.0	1.9	1.6
Fire-cured tobacco.....	do.	1.8	1.8	1.7	1.6
Dark air-cured tobacco.....	do.	.8	1.5	1.4	1.4
Corn.....	do.	30.4	40.0	41.2	44.1
Small grains.....	do.	27.3	39.4	38.5	38.3
Alfalfa hay.....	do.	4.1	8.9	9.3	8.7
Other hay.....	do.	19.6	31.9	37.2	36.4
Other crops.....	do.	20.3	14.0	14.0	12.2
Crop yields per harvested acre:					
Burley tobacco.....	Pound	1,469	2,020	1,959	2,320
Fire-cured tobacco.....	do.	1,612	1,955	1,642	1,860
Dark air-cured tobacco.....	do.	1,551	1,966	1,671	1,996
Corn.....	Bushel	47.8	52.7	71.0	52.0
Wheat.....	do.	25.3	35.3	35.0	38.0
Alfalfa hay.....	Ton	2.8	3.2	3.3	3.0
Other hay.....	do.	1.5	1.2	1.4	1.6
Livestock on farm, Jan. 1:					
All cattle.....	Number	45.7	75.4	83.3	88.3
Beef Cows.....	do.	21.3	29.7	31.3	32.8
Brood sows.....	do.	4.7	4.4	4.5	5.1
Pigs raised.....	do.	54.9	60.7	63.5	67.0
Tractors on farm.....	do.	1.8	2.3	2.3	2.3
Total labor used.....	Hour	3,590	4,510	4,320	4,340
Operator and family.....	do.	2,670	2,910	2,840	2,860
Hired.....	do.	920	1,600	1,480	1,480
Total farm capital, Jan. 1:	Dollar	50,250	90,740	98,110	107,750
Land and buildings.....	do.	37,560	70,780	78,080	83,490
Machinery and equipment.....	do.	5,310	7,520	7,980	8,380
Livestock.....	do.	5,210	8,860	8,220	11,900
Crops.....	do.	2,170	3,580	3,830	3,980
Total cash receipts.....	do.	8,662	11,814	13,457	14,933
Tobacco.....	do.	2,980	4,890	4,506	4,720
Grain.....	do.	1,428	2,515	3,341	2,977
Cattle and calves.....	do.	1,914	1,466	2,176	3,088
Hogs and pigs.....	do.	1,248	1,448	1,644	2,374
Other, including Government payments.....	do.	1,092	1,495	1,790	1,774
Value of perquisites.....	do.	692	756	803	873
Change in inventory, crops and livestock.....	do.	401	708	983	449
Gross farm income.....	do.	9,755	13,278	15,243	16,255



TABLE 38.--Tobacco-beef farms, Pennyroyal Area, Kentucky-Tennessee: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	5,708	8,621	8,689	9,702
Feed purchased.....	do.	515	702	700	844
Livestock expense.....	do.	67	94	101	109
Fertilizer and lime.....	do.	935	1,536	1,582	1,583
Other crop expense.....	do.	516	864	864	889
Machinery.....	do.	2,263	3,092	3,096	3,466
Farm buildings and fences.....	do.	494	540	560	812
Labor hired.....	do.	630	1,357	1,335	1,536
Taxes.....	do.	160	254	268	277
Other.....	do.	128	182	183	136
Inventory adjustment, machinery and buildings.	do.	-145	-21	144	-257
Total operating expenses.....	do.	5,563	8,600	8,833	9,445
Net farm income.....	do.	4,192	4,678	6,410	6,810
Purchasing power in 1947-49 dollars.....	do.	3,570	3,803	5,087	5,279
Charge for capital at current interest rates..	do.	2,646	5,206	5,616	6,168
Return per hour, operator and family labor....	do.	.58	-.18	.28	.22
Charge for capital at 4.1 percent interest <sup>2</sup> ...	do.	2,191	3,935	4,243	4,660
Return per hour, operator and family labor....	do.	.75	.26	.76	.75
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	136	156	167
Net farm income.....	---	100	112	153	162
Net farm production.....	---	100	141	145	145
Crop yields per acre.....	---	100	121	126	127
Production per hour of man labor.....	---	100	112	121	120
Production per unit of imput.....	---	100	105	107	105
Operating expense per unit of production....	---	100	111	111	118
Total cost per unit of production.....	---	100	112	114	124
Power and machinery (quantity).....	---	100	124	126	130
Prices received for products sold.....	---	100	94	103	111
Prices paid, including wages to hired labor.	---	100	109	111	116

<sup>1</sup> Preliminary. <sup>2</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.



TABLE 39. --Tobacco-dairy farms, Pennyroyal Area, Kentucky-Tennessee: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	162	230	238	240
Cropland harvested.....	do.	62.1	96.6	100.0	97.6
Crops harvested:					
Burley tobacco.....	do.	1.9	1.4	1.3	1.1
Fire-cured tobacco.....	do.	1.1	1.4	1.3	1.2
Dark air-cured tobacco.....	do.	1.1	1.4	1.3	1.3
Corn.....	do.	19.9	31.1	32.0	34.2
Small grains.....	do.	16.0	25.8	25.4	24.7
Alfalfa hay.....	do.	3.2	7.8	8.1	7.8
Other hay.....	do.	14.2	30.5	34.3	31.7
Other crops.....	do.	9.6	4.3	4.3	3.6
Crop yields per harvested acre:					
Burley tobacco.....	Pound	1,469	2,020	1,959	2,320
Fire-cured tobacco.....	do.	1,612	1,955	1,642	1,860
Dark air-cured tobacco.....	do.	1,551	1,966	1,671	1,996
Corn.....	Bushel	47.8	52.7	71.0	52.0
Wheat.....	do.	25.3	35.3	35.0	38.0
Alfalfa hay.....	Ton	2.8	3.2	3.3	3.0
Other hay.....	do.	1.5	1.2	1.3	1.6
Livestock on farm, Jan. 1:					
All cattle.....	Number	24.1	43.1	46.6	48.4
Milk cows.....	do.	13.8	17.7	18.4	18.8
Brood sows.....	do.	3.3	3.5	3.9	4.4
Pigs raised.....	do.	39.1	45.0	49.6	56.1
Milk production per cow.....	Pound	5,550	7,123	7,479	7,628
Tractors on farm.....	Number	1.5	2.2	2.2	2.2
Total labor used.....	Hour	4,040	5,100	4,990	5,010
Operator and family.....	do.	3,560	3,800	3,770	3,790
Hired.....	do.	480	1,300	1,220	1,220
Total farm capital, Jan. 1:	Dollar	33,450	67,110	73,450	78,770
Land and buildings.....	do.	24,000	51,520	57,360	60,240
Machinery and equipment.....	do.	4,460	7,160	7,640	8,050
Livestock.....	do.	3,460	5,910	5,600	7,530
Crops.....	do.	1,530	2,520	2,850	2,950
Total cash receipts.....	do.	7,318	11,961	13,685	14,457
Tobacco.....	do.	2,134	3,754	3,415	3,598
Grain.....	do.	695	1,682	2,404	1,691
Dairy products.....	do.	2,377	3,813	4,273	5,168
Cattle and calves.....	do.	622	841	1,255	1,203
Hogs and pigs.....	do.	857	995	1,287	1,773
Other, including Government payments.....	do.	633	876	1,051	1,024
Value of perquisites.....	do.	585	655	693	759
Change in inventory, crops and livestock.....	do.	365	530	524	1,262
Gross farm income.....	do.	8,268	13,146	14,902	16,478

TABLE 39.--Tobacco-dairy farms, Pennyroyal Area, Kentucky-Tennessee: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	4,405	8,221	8,012	9,189
Feed purchased.....	do.	562	1,438	1,166	1,584
Livestock expense.....	do.	107	197	217	230
Fertilizer and lime.....	do.	528	1,202	1,238	1,238
Other crop expense.....	do.	368	674	670	677
Machinery.....	do.	1,939	2,814	2,818	3,229
Farm buildings and fences.....	do.	373	455	456	591
Labor hired.....	do.	330	1,104	1,095	1,268
Taxes.....	do.	93	168	178	193
Other.....	do.	105	169	174	179
Inventory adjustment, machinery and buildings.	do.	-264	-156	20	-328
Total operating expenses.....	do.	4,141	8,065	8,032	8,861
Net farm income.....	do.	4,127	5,081	6,870	7,617
Purchasing power in 1947-49 dollars.....	do.	3,519	4,131	5,452	5,905
Charge for capital at current interest rates..	do.	1,771	3,898	4,243	4,565
Return per hour, operator and family labor....	do.	.66	.31	.70	.81
Charge for capital at 4.1 percent interest <sup>2</sup> ...	do.	1,468	2,959	3,214	3,463
Return per hour, operator and family labor....	do.	.75	.56	.97	1.10
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	159	180	199
Net farm income.....	---	100	123	166	185
Net farm production.....	---	100	160	171	169
Crop yields per acre.....	---	100	118	122	125
Production per hour of man labor.....	---	100	126	138	137
Production per unit of input.....	---	100	109	115	112
Operating expense per unit of production....	---	100	119	114	124
Total cost per unit of production.....	---	100	108	106	117
Power and machinery (quantity).....	---	100	139	143	149
Prices received for products sold.....	---	100	94	101	111
Prices paid, including wages to hired labor.	---	100	111	112	118

<sup>1</sup> Preliminary. <sup>2</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 40.--Wheat-small grain-livestock farms, Northern Plains: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	705	750	760	770
Cropland harvested.....	do.	401	401	413	397
Fallow and idle.....	do.	140	189	188	199
Failure.....	do.	20	7	5	9
Crops harvested:					
Wheat.....	do.	142.2	147.7	152.3	153.4
Other small grains.....	do.	126.2	130.8	112.8	115.5
Flaxseed.....	do.	59.4	53.9	39.6	38.1
Hay.....	do.	59.3	56.8	95.8	79.1
Crop yields per harvested acre:					
Wheat.....	Bushel	17.8	26.9	25.8	24.5
Flaxseed.....	do.	5.1	9.7	12.3	9.9
Hay.....	Ton	.9	1.1	1.2	1.2
Livestock on farm, Jan. 1:					
All cattle.....	Number	22.6	30.1	32.2	31.6
Milk cows.....	do.	5.8	3.3	3.4	2.9
Beef cows.....	do.	7.0	10.7	12.6	12.8
Chickens.....	do.	54	45	43	39
Pigs raised.....	do.	7.5	5.1	5.4	5.0
Tractors on farm.....	do.	2.17	2.35	2.35	2.35
Total labor used.....	Hour	2,840	2,550	2,600	2,650
Operator and family.....	do.	2,400	2,240	2,300	2,370
Hired.....	do.	440	310	300	280
Total farm capital, Jan. 1.....	Dollar	46,400	60,540	64,900	70,890
Land and buildings.....	do.	30,940	43,100	47,120	51,590
Machinery and equipment.....	do.	10,650	11,270	11,830	12,630
Livestock.....	do.	3,250	4,310	3,870	4,560
Crops.....	do.	1,560	1,860	2,080	2,110
Total cash receipts.....	do.	9,770	13,753	15,088	15,864
Wheat.....	do.	4,625	5,454	5,272	6,140
Other crops.....	do.	2,229	4,304	4,471	3,881
Livestock.....	do.	1,792	1,486	2,184	2,319
Butterfat.....	do.	526	296	403	410
Poultry and eggs.....	do.	148	141	131	143
Other, including Government payments.....	do.	450	2,072	2,627	2,971
Value of perquisites.....	do.	618	605	632	658
Change in inventory of crops and livestock.....	do.	-160	170	166	379
Gross farm income.....	do.	10,228	14,528	15,886	16,901

TABLE 40.--Wheat-small grain-livestock farms, Northern Plains: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	5,862	6,411	6,438	6,619
Feed purchased.....	do.	65	55	57	57
Livestock expense.....	do.	66	114	53	89
Crop expense.....	do.	608	893	851	744
Machinery.....	do.	3,764	3,914	4,010	4,196
Farm buildings and fences.....	do.	287	279	307	322
Labor hired.....	do.	450	355	354	336
Taxes.....	do.	576	738	746	815
Other.....	do.	46	63	60	60
Inventory adjustment, machinery and buildings..	do.	-35	-168	-268	-218
Total operating expenses.....	do.	5,827	6,243	6,170	6,401
Net farm income.....	do.	4,401	8,285	9,716	10,500
Purchasing power in 1947-49 dollars.....	do.	3,749	6,736	7,711	8,140
Charge for capital at current interest rates...	do.	2,440	3,470	3,706	4,041
Return per hour, operator and family labor.....	do.	.82	2.15	2.61	2.73
Charge for capital at 4.1 percent interest <sup>2</sup> ....	do.	2,016	2,622	2,797	3,048
Return per hour, operator and family labor.....	do.	.99	2.53	3.01	3.14
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	142	155	165
Net farm income.....	---	100	188	221	239
Net farm production.....	---	100	151	155	143
Crop yields per acre.....	---	100	163	168	151
Production per hour of man labor.....	---	100	168	169	153
Production per unit of input.....	---	100	153	156	141
Operating expense per unit of production.....	---	100	70	68	76
Total cost per unit of production.....	---	100	73	72	82
Power and machinery (quantity).....	---	100	94	97	99
Prices received for products sold.....	---	100	84	87	100
Prices paid, including wages to hired labor..	---	100	109	109	112

<sup>1</sup> Preliminary. <sup>2</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 41.--Wheat-corn-livestock farms, Northern Plains: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	506	545	550	555
Cropland harvested.....	do.	331	317	320	320
Other cropland.....	do.	47	91	88	88
Crops harvested:					
Wheat.....	do.	49.3	34.5	34.6	35.6
Other small grains.....	do.	99.3	79.0	84.8	86.6
Corn for grain .....	do.	49.3	43.5	45.6	51.4
Flaxseed.....	do.	37.1	49.5	51.0	54.4
Hay.....	do.	85.4	83.4	78.5	75.9
Crop yields per harvested acre:					
Wheat.....	Bushel	16.7	14.0	19.6	20.1
Corn.....	do.	25.5	26.1	35.0	49.0
Flaxseed.....	do.	7.6	8.0	14.0	8.9
Hay.....	Ton.	1.1	1.0	1.4	1.4
Livestock on farm, Jan. 1:					
All cattle.....	Number	45.8	63.5	66.4	68.9
Milk cows.....	do.	7.6	8.0	8.2	8.4
Beef cows.....	do.	13.2	18.1	20.8	19.4
Chickens.....	do.	134	141	132	122
All sheep.....	do.	18	24	20	20
Pigs raised.....	do.	32	44	33	36
Tractors on farm.....	do.	2.10	2.35	2.35	2.36
Total labor used.....	Hour	3,590	3,490	3,480	3,500
Operator and family.....	do.	3,270	3,270	3,280	3,300
Hired.....	do.	320	220	200	200
Total farm capital, Jan. 1.....	Dollar	48,710	64,430	68,030	74,080
Land and buildings.....	do.	30,000	42,510	46,200	48,560
Machinery and equipment.....	do.	8,990	9,170	9,600	9,990
Livestock.....	do.	6,840	9,160	8,580	11,380
Crops.....	do.	2,880	3,590	3,650	4,150
Total cash receipts.....	do.	10,286	11,771	15,002	16,820
Wheat.....	do.	1,676	652	933	1,144
Flaxseed.....	do.	723	1,052	1,933	1,345
Other crops.....	do.	1,845	1,210	2,509	3,268
Cattle.....	do.	2,917	3,729	4,034	4,771
Hogs.....	do.	1,217	1,606	1,893	2,108
Other livestock and livestock products.....	do.	1,440	2,296	2,284	2,795
Government payments.....	do.	468	1,226	1,416	1,389
Value of perquisites.....	do.	593	547	602	628
Change in inventory of crops and livestock....	do	-104	-267	1,114	655
Gross farm income.....	do.	10,775	12,051	16,718	18,103



TABLE 41. --Wheat-corn-livestock farms, Northern Plains: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	4,582	5,937	5,900	6,377
Feed purchased.....	do.	265	396	389	423
Livestock expense.....	do.	261	347	323	386
Crop expense.....	do.	441	563	624	769
Machinery purchased.....	do.	762	1,323	1,125	1,197
Other machinery expense.....	do.	1,452	1,669	1,771	1,889
Farm buildings and fences.....	do.	399	235	256	260
Labor hired.....	do.	260	206	190	203
Taxes.....	do.	654	970	988	1,004
Other.....	do.	88	228	234	246
Inventory adjustment, machinery and buildings.	do.	339	-159	44	18
Total operating expenses.....	do.	4,921	5,778	5,944	6,395
Net farm income.....	do.	5,854	6,273	10,774	11,708
Purchasing power in 1947-49 dollars.....	do.	4,988	5,100	8,551	9,076
Charge for capital at current interest rates..	do.	2,522	3,638	3,842	4,188
Return per hour, operator and family labor....	do.	1.02	.81	2.11	2.28
Charge for capital at 4.1 percent interest <sup>2</sup> ...	do.	2,076	2,736	2,889	3,151
Return per hour, operator and family labor....	do.	1.16	1.08	2.40	2.59
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	112	155	168
Net farm income.....	---	100	107	184	200
Net farm production.....	---	100	109	143	140
Crop yields per acre.....	---	100	95	145	139
Production per hour of man labor.....	---	100	112	147	143
Production per unit of input.....	---	100	104	133	126
Operating expense per unit of production....	---	100	106	85	93
Total cost per unit of production.....	---	100	108	87	95
Power and machinery (quantity).....	---	100	96	96	96
Prices received for products sold.....	---	100	96	104	117
Prices paid, including wages to hired labor.	---	100	111	112	114

<sup>1</sup> Preliminary. <sup>2</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 42. --Wheat-fallow farms, Northern Plains: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	761	874	881	899
Cropland harvested.....	do.	342	356	355	385
Fallow and idle.....	do.	200	267	258	240
Pasture and other land.....	do.	219	251	268	274
Crops harvested:					
Durum wheat.....	do.	13	53	49	66
Other spring wheat.....	do.	141	124	143	132
Other small grains.....	do.	110	106	88	106
Flaxseed.....	do.	24	16	21	21
Hay.....	do.	48	52	51	57
Crop yields per harvested acre:					
Wheat.....	Bushel	15.7	27.0	28.0	25.6
Flaxseed.....	do.	3.5	11.2	12.8	12.6
Hay.....	Ton	.90	1.36	1.32	1.31
Livestock on farm, Jan. 1:					
All cattle.....	Number	19.8	29.3	34.8	33.8
Milk cows.....	do.	3.4	2.8	2.6	2.5
Beef cows.....	do.	7.5	10.7	13.8	14.7
Chickens.....	do.	27	21	20	19
Pigs raised.....	do.	1.7	1.9	1.2	1.9
Tractors on farm.....	do.	1.95	2.00	2.05	2.07
Total labor used.....	do.	2,420	2,740	2,810	2,840
Operator and family.....	do.	2,180	2,520	2,570	2,610
Hired.....	do.	240	220	240	230
Total farm capital, Jan. 1.....	Dollar	45,360	65,670	71,490	77,830
Land and buildings.....	do.	32,280	50,080	55,150	60,230
Machinery and equipment.....	do.	9,320	9,890	10,390	11,190
Livestock.....	do.	2,590	4,190	4,120	4,800
Crops.....	do.	1,170	1,510	1,830	1,610
Total cash receipts.....	do.	7,576	12,469	15,431	18,108
Wheat.....	do.	4,194	6,353	7,269	8,247
Other crops.....	do.	1,156	2,855	3,281	3,892
Livestock.....	do.	1,368	971	2,157	2,196
Milk.....	do.	290	264	231	256
Poultry and eggs.....	do.	54	47	42	47
Other, including Government payments.....	do.	514	1,979	2,451	3,470
Value of perquisites.....	do.	490	656	667	692
Change in inventory of crops and livestock....	do.	-276	677	-178	181
Gross farm income.....	do.	7,790	13,802	15,920	18,981

TABLE 42. --Wheat-fallow farms, Northern Plains: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	4,676	6,131	6,362	6,599
Feed purchased.....	do.	75	42	46	47
Livestock expense.....	do.	68	108	99	105
Crop expense.....	do.	469	662	639	688
Machinery.....	do.	3,046	3,543	3,790	3,962
Farm buildings and fences.....	do.	100	512	423	412
Labor hired.....	do.	252	249	281	272
Taxes.....	do.	512	772	822	861
Other.....	do.	154	243	262	252
Inventory adjustment, machinery and buildings.	do.	206	-495	-459	-400
Total operating expenses.....	do.	4,882	5,636	5,903	6,199
Net farm income.....	do.	2,908	8,166	10,017	12,782
Purchasing power in 1947-49 dollars.....	do.	2,481	6,639	7,950	9,909
Charge for capital at current interest rates...	do.	2,369	3,713	4,047	4,405
Return per hour, operator and family labor....	do.	.25	1.77	2.32	3.21
Charge for capital at 4.1 percent interest <sup>2</sup> ....	do.	1,954	2,793	3,046	3,315
Return per hour, operator and family labor....	do.	.44	2.13	2.71	3.63
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	177	204	244
Net farm income.....	---	100	281	344	440
Net farm production.....	---	100	196	216	212
Crop yields per acre.....	---	100	179	192	179
Production per hour of man labor.....	---	100	173	186	180
Production per unit of input.....	---	100	175	187	184
Operating expense per unit of production....	---	100	60	57	62
Total cost per unit of production.....	---	100	65	62	67
Power and machinery (quantity).....	---	100	97	100	103
Prices received for products sold.....	---	100	83	87	102
Prices paid, including wages to hired labor..	---	100	110	111	113

<sup>1</sup> Preliminary. <sup>2</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 43. --Winter wheat farms, Southern Plains: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	739	820	830	840
Cropland harvested.....	do.	346	343	358	368
Crops harvested:					
Wheat.....	do.	191.0	209.1	236.3	241.0
Sorghum for grain.....	do.	89.2	50.9	47.6	46.0
Sorghum for forage.....	do.	21.5	20.4	22.5	22.0
Hay.....	do.	10.4	22.7	34.0	43.0
Crop yields per harvested acre:					
Wheat.....	Bushel	20.6	20.0	23.6	19.2
Sorghum for grain.....	do.	26.8	23.3	40.0	41.2
Hay.....	Ton	2.2	1.9	2.3	1.8
Livestock on farm, Jan. 1:					
All cattle.....	Number	39.0	63.7	55.0	70.3
Milk cows.....	do.	2.8	2.7	1.9	1.0
Beef cows.....	do.	12.7	19.0	16.7	20.4
Chickens.....	do.	67	60	58	56
Pigs raised.....	do.	4.3	3.9	6.3	0
Tractors on farm.....	do.	2.03	2.23	2.23	2.25
Total labor used.....	Hour	2,780	2,880	3,450	3,150
Operator and family.....	do.	2,450	2,560	3,160	2,870
Hired.....	do.	330	320	290	280
Total farm capital, Jan. 1.....	Dollar	83,640	113,470	125,390	137,070
Land and buildings.....	do.	67,800	91,840	105,410	114,240
Machinery and equipment.....	do.	9,580	11,390	9,230	10,000
Livestock.....	do.	4,690	7,470	8,640	9,590
Crops.....	do.	1,570	2,770	2,110	3,240
Total cash receipts.....	do.	12,900	15,342	15,383	18,336
Wheat.....	do.	7,171	5,417	7,067	7,254
Other crops.....	do.	2,039	779	1,455	1,347
Cattle.....	do.	2,254	4,917	2,730	5,129
Hogs.....	do.	92	134	366	0
Other livestock and livestock products.....	do.	532	519	410	284
Other, including Government payments.....	do.	812	3,576	3,355	4,322
Value of perquisites.....	do.	711	797	828	882
Change in inventory of crops and livestock.....	do.	860	-1,385	3,012	311
Gross farm income.....	do.	14,471	14,754	19,223	19,529

TABLE 43. --Winter wheat farms, Southern Plains: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	5,507	5,938	8,843	8,095
Feed purchased.....	do.	329	403	330	378
Livestock expense.....	do.	407	355	1,453	983
Crop expense.....	do.	466	621	697	760
Machinery purchased.....	do.	1,198	1,227	1,701	1,280
Other machinery expense.....	do.	1,454	1,512	2,182	2,212
Farm buildings and fences.....	do.	594	99	641	646
Labor hired.....	do.	327	368	371	373
Taxes.....	do.	680	1,284	1,328	1,323
Other.....	do.	52	69	140	140
Inventory adjustment, machinery and buildings.	do.	-173	453	-634	-112
Total operating expenses.....	do.	5,334	6,391	8,209	7,983
Net farm income.....	do.	9,137	8,363	11,014	11,546
Purchasing power in 1947-49 dollars.....	do.	7,774	6,799	8,741	8,950
Charge for capital at current interest rates...	do.	4,243	6,333	7,011	7,660
Return per hour, operator and family labor.....	do.	2.00	.79	1.27	1.35
Charge for capital at 4.1 percent interest <sup>2</sup> ....	do.	3,484	4,744	5,256	5,741
Return per hour, operator and family labor.....	do.	2.31	1.41	1.82	2.02
INDEX NUMBERS (1957-59=100):					
Gross farm income.....	---	100	102	133	135
Net farm income.....	---	100	92	121	126
Net farm production.....	---	100	105	125	106
Crop yields per acre.....	---	100	90	126	109
Production per hour of man labor.....	---	100	104	103	96
Production per unit of input.....	---	100	98	103	90
Operating expense per unit of production.....	---	100	107	108	128
Total cost per unit of production.....	---	100	111	110	133
Power and machinery (quantity).....	---	100	104	107	106
Prices received for products sold.....	---	100	78	81	95
Prices paid, including wages to hired labor..	---	100	113	108	115

<sup>1</sup> Preliminary. <sup>2</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.



TABLE 44. --Wheat-grain sorghum farms, Southern Plains: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	836	899	909	919
Cropland harvested.....	do.	389	343	366	375
Crops harvested:					
Wheat.....	do.	176	214	227	262
Barley.....	do.	10	6	1	2
Sorghum for grain.....	do.	171	89	99	66
Sorghum for forage.....	do.	24	24	16	12
Crop yields per harvested acre:					
Wheat.....	Bushel	20.5	15.5	22.6	16.6
Barley.....	do.	21.6	15.4	17.0	17.8
Sorghum for grain.....	do.	27.2	34.7	47.2	54.3
Sorghum for forage.....	Ton	2.2	1.9	2.5	3.0
Livestock on farm, Jan. 1:					
All cattle.....	Number	34.8	79.0	70.4	84.0
Milk cows.....	do.	1.2	1.1	1.2	1.0
Beef cows.....	do.	9.0	17.0	18.2	15.7
Chickens.....	do.	37	26	17	17
Pigs raised.....	do.	3.9	5.3	6.2	7.3
Tractors on farm.....	do.	1.87	1.92	1.92	1.94
Total labor used.....	Hour	3,190	3,000	3,200	3,160
Operator and family.....	do.	2,700	2,560	2,790	2,750
Hired.....	do.	490	440	410	410
Total farm capital, Jan. 1.....	Dollar	95,360	133,390	136,000	149,920
Land and buildings.....	do.	81,110	111,480	116,350	126,820
Machinery and equipment.....	do.	8,900	10,910	10,670	10,690
Livestock.....	do.	4,200	9,200	7,420	10,570
Crops.....	do.	1,150	1,800	1,560	1,840
Total cash receipts.....	do.	12,063	18,197	19,555	23,322
Wheat.....	do.	6,310	4,216	6,547	6,831
Other crops.....	do.	3,759	2,601	3,709	2,851
Cattle.....	do.	1,468	6,591	4,125	8,033
Hogs.....	do.	68	141	269	335
Other livestock and livestock products.....	do.	146	46	29	28
Other, including Government payments.....	do.	312	4,602	4,876	5,244
Value of perquisites.....	do.	718	764	843	881
Change in inventory of crops and livestock.....	do.	1,250	-2,438	2,090	374
Gross farm income.....	do.	14,031	16,523	22,488	24,577

TABLE 44.--Wheat-grain sorghum farms, Southern Plains: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	7,407	7,805	11,102	11,328
Feed purchased.....	do.	132	313	388	426
Livestock expense.....	do.	1,277	1,036	2,645	3,429
Crop expense.....	do.	542	903	906	1,122
Machinery purchased.....	do.	1,321	1,077	1,156	1,177
Other machinery expense.....	do.	2,084	2,323	2,622	2,770
Farm buildings and fences.....	do.	529	55	1,203	289
Labor hired.....	do.	465	536	515	539
Taxes.....	do.	897	1,396	1,485	1,396
Other.....	do.	160	166	182	180
Inventory adjustment, machinery and buildings..	do.	-234	793	-403	518
Total operating expenses.....	do.	7,173	8,598	10,699	11,846
Net farm income.....	do.	6,858	7,925	11,789	12,731
Purchasing power in 1947-49 dollars.....	do.	5,827	6,443	9,356	9,869
Charge for capital at current interest rates...	do.	4,860	7,443	7,597	8,380
Return per hour, operator and family labor.....	do.	.74	.18	1.50	1.58
Charge for capital at 4.1 percent interest <sup>2</sup> ....	do.	3,990	5,576	5,693	6,281
Return per hour, operator and family labor.....	do.	1.06	.92	2.18	2.35
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	118	160	175
Net farm income.....	---	100	116	172	186
Net farm production.....	---	100	99	132	119
Crop yields per acre.....	---	100	80	113	111
Production per hour of man labor.....	---	100	105	131	120
Production per unit of input.....	---	100	93	115	102
Operating expense per unit of production.....	---	100	112	98	114
Total cost per unit of production.....	---	100	116	94	109
Power and machinery (quantity).....	---	100	104	100	96
Prices received for products sold.....	---	100	85	85	102
Prices paid, including wages to hired labor..	---	100	106	103	107

<sup>1</sup> Preliminary. <sup>2</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 45. --Wheat-pea farms, Washington and Idaho: Organization, production, cost and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	557	605	610	615
Cropland harvested.....	do.	371	370	388	412
Other cropland.....	do.	143	180	167	148
Crop harvested:					
Wheat.....	do.	168	176	193	189
Oats and barley.....	do.	104	60	92	94
Peas.....	do.	79	112	78	103
Hay.....	do.	19	22	25	26
Crop yields per harvested acre:					
Wheat.....	Bushel	46.8	60.2	61.1	58.8
Barley.....	do.	41.1	56.2	51.2	51.9
Peas.....	Cwt.	13.3	16.7	18.1	15.0
Livestock on farm, Jan. 1:					
All cattle.....	Number	15.1	17.3	19.5	19.6
Milk cows.....	do.	1.8	.8	.7	.6
Chickens.....	do.	48	36	24	23
Pigs raised.....	do.	18	30	32	38
Tractors on farm.....	do.	2.31	2.80	2.80	2.82
Total labor used.....	Hour	3,480	3,520	3,550	3,490
Operator and family.....	do.	2,630	2,930	2,960	2,960
Hired.....	do.	850	590	590	530
Total farm capital, Jan. 1.....	Dollar	170,200	211,960	220,110	231,220
Land and buildings.....	do.	149,300	185,130	192,760	202,340
Machinery and equipment.....	do.	17,020	23,620	24,080	24,870
Livestock.....	do.	2,110	2,280	2,240	2,880
Crops.....	do.	1,770	930	1,030	1,130
Total cash receipts.....	do.	22,537	27,090	31,309	36,304
Wheat.....	do.	13,360	13,076	14,747	16,451
Peas.....	do.	3,853	7,046	5,966	7,061
Other crops.....	do.	3,128	3,054	4,821	4,920
Cattle.....	do.	880	540	1,210	1,493
Hogs.....	do.	560	959	1,295	1,644
Dairy products.....	do.	302	49	24	0
Other livestock and livestock products.....	do.	190	137	64	73
Other, including Government payments.....	do.	264	2,229	3,182	4,662
Value of perquisites.....	do.	1,043	921	933	950
Change in inventory of crops and livestock.....	do.	116	-17	97	248
Gross farm income.....	do.	23,696	27,994	32,339	37,502

TABLE 45.--Wheat-pea farms, Washington and Idaho: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	10,815	13,181	13,361	13,946
Feed purchased.....	do.	346	334	334	361
Livestock expense.....	do.	104	73	119	286
Crop expense.....	do.	1,786	3,588	3,290	3,489
Machinery purchased.....	do.	2,990	2,857	2,968	3,067
Other machinery expense.....	do.	2,838	3,201	3,375	3,496
Farm buildings and fences.....	do.	428	461	478	483
Labor hired.....	do.	1,117	1,010	1,028	973
Taxes.....	do.	1,037	1,441	1,538	1,560
Other.....	do.	169	216	231	231
Inventory adjustment, machinery and buildings.	do.	-577	178	104	101
Total operating expenses.....	do.	10,238	13,359	13,465	14,047
Net farm income.....	do.	13,458	14,635	18,874	23,455
Purchasing power in 1947-49 dollars.....	do.	11,476	11,898	14,979	18,182
Charge for capital at current interest rates...	do.	8,983	11,938	12,380	13,009
Return per hour, operator and family labor.....	do.	1.70	.92	2.19	3.53
Charge for capital at 4.1 percent interest <sup>2</sup> ....	do.	7,166	8,971	9,299	9,772
Return per hour, operator and family labor.....	do.	2.39	1.93	3.23	4.62
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	118	136	158
Net farm income.....	---	100	109	140	174
Net farm production.....	---	100	126	137	133
Crop yields per acre.....	---	100	129	130	121
Production per hour of man labor.....	---	100	125	135	133
Production per unit of input.....	---	100	114	122	118
Operating expense per unit of production.....	---	100	97	91	97
Total cost per unit of production.....	---	100	96	92	98
Power and machinery (quantity).....	---	100	117	117	116
Prices received for products sold.....	---	100	82	87	100
Prices paid, including wages to hired labor..	---	100	107	108	109

<sup>1</sup> Preliminary. <sup>2</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 46. --Wheat-fallow farms, Washington and Oregon: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in farm.....	Acre	1,352	1,460	1,490	1,520
Cropland harvested.....	do.	477	453	460	520
Summer fallow.....	do.	445	441	490	500
Other cropland.....	do.	45	172	138	94
Crops harvested:					
Winter wheat.....	do.	279	298	324	386
Spring wheat.....	do.	30	21	58	6
Other small grains.....	do.	152	119	58	98
All hay.....	do.	16	15	19	30
Crop yields per harvested acre:					
All wheat.....	Bushel	32.7	33.4	29.5	32.5
Barley.....	do.	33.9	37.4	40.6	40.9
Hay.....	Ton	1.5	1.4	1.5	1.2
Livestock on farm, Jan. 1:					
All cattle.....	Number	30.8	36.0	36.3	37.3
Beef cows.....	do.	13.5	11.9	14.4	11.6
Pigs raised.....	do.	9.4	13.8	12.8	12.3
Tractors on farm.....	do.	1.53	2.04	2.06	2.08
Total labor used.....	Hour	3,660	3,750	3,870	3,930
Operator and family.....	do.	2,860	3,250	3,370	3,420
Hired.....	do.	800	500	500	510
Total farm capital, Jan. 1.....	Dollar	129,780	164,900	189,550	199,170
Land and buildings.....	do.	107,620	138,700	163,900	171,760
Machinery and equipment.....	do.	16,740	20,240	20,380	20,970
Livestock.....	do.	3,670	4,740	4,190	5,140
Crops.....	do.	1,750	1,220	1,080	1,300
Total cash receipts.....	do.	24,641	24,098	24,493	33,088
Wheat.....	do.	17,900	13,945	14,914	19,840
Barley.....	do.	3,295	3,010	1,583	3,554
Other crops.....	do.	542	483	236	186
Cattle.....	do.	1,837	1,893	1,887	2,091
Hogs.....	do.	318	452	534	621
Dairy products.....	do.	61	114	171	181
Other livestock and livestock products.....	do.	105	62	68	91
Other, including Government payments.....	do.	583	4,139	5,100	6,524
Value of perquisites.....	do.	775	757	760	804
Change in inventory of crops and livestock....	do.	-12	-42	308	237
Gross farm income.....	do.	25,404	24,813	25,561	34,129



TABLE 46. --Wheat-fallow farms, Washington and Oregon: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	9,890	10,708	11,126	12,247
Feed purchased.....	do.	231	279	469	229
Livestock expense.....	do.	71	110	117	115
Crop expense.....	do.	1,739	2,044	2,041	2,239
Machinery purchased.....	do.	2,495	2,098	2,194	2,259
Other machinery expense.....	do.	2,619	3,101	3,156	3,438
Farm buildings and fences.....	do.	436	555	474	968
Labor hired.....	do.	1,248	828	842	915
Taxes.....	do.	970	1,593	1,731	1,976
Other.....	do.	81	100	102	108
Inventory adjustment, machinery and buildings.	do.	-241	242	264	-175
Total operating expenses.....	do.	9,649	10,950	11,390	12,072
Net farm income.....	do.	15,755	13,863	14,171	22,057
Purchasing power in 1947-49 dollars.....	do.	13,437	11,271	11,247	17,098
Charge for capital at current interest rates...	do.	6,903	9,299	10,657	11,214
Return per hour, operator and family labor.....	do.	3.10	1.40	1.04	3.17
Charge for capital at 4.1 percent interest <sup>2</sup> ....	do.	5,522	6,990	8,004	8,426
Return per hour, operator and family labor.....	do.	3.58	2.11	1.83	3.99
INDEX NUMBERS (1957-59 = 100):					
Gross farm income.....	---	100	98	101	134
Net farm income.....	---	100	88	90	140
Net farm production.....	---	100	104	100	118
Crop yields per acre.....	---	100	100	85	98
Production per hour of man labor.....	---	100	101	95	109
Production per unit of input.....	---	100	97	92	105
Operating expense per unit of production.....	---	100	109	116	107
Total cost per unit of production.....	---	100	114	126	115
Power and machinery (quantity).....	---	100	102	101	100
Prices received for products sold.....	---	100	79	80	94
Prices paid, including wages to hired labor..	---	100	108	110	115

<sup>1</sup> Preliminary. <sup>2</sup> Invested capital at 4.1 percent and production credit at current short-term interest rates charged by production credit associations on loans outstanding.

TABLE 47. --Cattle ranches, Northern Plains livestock area: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in ranch.....	Acre	4,268	4,440	4,500	4,510
Cropland harvested.....	do.	265	255	259	260
Rangeland, pasture, and miscellaneous.....	do.	4,003	4,185	4,241	4,250
Crops harvested:					
Grains.....	do.	73.6	69.9	69.3	72.0
Tame hay.....	do.	81.3	79.4	76.6	87.3
Native hay.....	do.	97.8	94.0	104.3	89.7
Other crops.....	do.	11.8	11.4	8.7	11.0
Livestock on ranch, Jan. 1:					
All cattle.....	Number	135.0	166.6	174.4	182.3
Cows and heifers, 2 years old and over.....	do.	87.4	104.6	110.5	113.2
Chickens.....	do.	35	14	12	10
Horses.....	do.	3.7	4.6	4.7	4.4
Pigs raised.....	do.	11.2	10.6	10.2	8.9
Calf crop.....	Percent	84	85	83	85
Tractors on ranch.....	Number	1.23	1.21	1.21	1.21
Total labor used.....	Hour	3,940	4,290	4,660	4,740
Operator and family.....	do.	3,220	3,300	3,380	3,450
Hired.....	do.	720	990	1,280	1,290
Total ranch capital, Jan. 1.....	Dollar	75,100	90,370	90,650	100,470
Land and buildings.....	do.	46,370	53,950	57,000	60,540
Machinery and equipment.....	do.	7,890	7,700	7,830	8,270
Livestock.....	do.	18,110	25,300	22,520	27,690
Crops.....	do.	2,730	3,420	3,300	3,970
Total cash receipts.....	do.	10,258	12,228	13,090	14,635
Cattle.....	do.	7,830	9,569	11,160	12,950
Crops.....	do.	1,695	1,829	1,091	1,090
Other livestock and livestock products.....	do.	486	480	459	395
Other, including Government payments.....	do.	247	350	380	200
Value of perquisites.....	do.	1,054	912	956	1,141
Change in inventory of crops and livestock.....	do.	450	439	1,498	536
Gross ranch income.....	do.	11,762	13,579	15,544	16,312

TABLE 47. --Cattle ranches, Northern Plains livestock area: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	6,271	7,275	8,056	8,667
Feed and grazing fees.....	do.	316	420	323	672
Livestock purchased.....	do.	596	1,243	1,181	1,429
Other livestock expense.....	do.	127	174	179	187
Crop expense.....	do.	41	33	41	35
Machinery purchased.....	do.	1,604	1,350	1,794	1,624
Other machinery expense.....	do.	1,491	1,466	1,428	1,404
Ranch buildings and fences.....	do.	357	541	582	591
Labor hired.....	do.	500	792	1,088	1,167
Taxes.....	do.	856	1,007	1,031	1,104
Other.....	do.	383	249	409	454
Inventory adjustment, machinery and buildings..	do.	242	261	-111	96
Total operating expenses.....	do.	6,513	7,536	7,945	8,763
Net ranch income.....	do.	5,249	6,043	7,599	7,549
Purchasing power in 1947-49 dollars.....	do.	4,469	4,913	6,031	5,852
Charge for capital at current interest rates...	do.	3,807	4,970	4,986	5,526
Return per hour, operator and family labor....	do.	.45	.33	.77	.59
Charge for capital at 4.1 percent interest....	do.	3,079	3,705	3,717	4,119
Return per hour, operator and family labor....	do.	.67	.71	1.15	.99
INDEX NUMBERS (1957-59=100):					
Gross ranch income.....	---	100	115	132	139
Net ranch income.....	---	100	115	145	144
Net ranch production.....	---	100	120	127	119
Range condition.....	---	100	99	100	92
Production per hour of man labor.....	---	100	111	108	100
Production per unit of input.....	---	100	109	112	105
Operating expenses per unit of production....	---	100	91	94	107
Total cost per unit of production.....	---	100	93	93	107
Power and machinery (quantity).....	---	100	84	88	87
Prices received for products sold.....	---	100	88	99	110
Prices paid, including wages to hired labor..	---	100	93	99	105

<sup>1</sup> Preliminary.

TABLE 48.--Cattle ranches, Intermountain Region: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in ranch.....	Acre	1,723	1,775	1,775	1,780
Cropland harvested.....	do.	175	187	192	195
Rangeland, pasture, and miscellaneous.....	do.	1,548	1,588	1,583	1,585
Crops harvested:					
Grains.....	do.	15.1	16.3	17.4	17.9
Tame hay.....	do.	70.2	72.9	76.6	75.1
Native hay.....	do.	87.4	95.9	95.9	100.0
Other crops.....	do.	2.0	2.0	2.0	2.0
Livestock on ranch, Jan. 1:					
All cattle.....	Number	266.7	297.9	306.0	306.0
Cows and heifers, 2 years old and over.....	do.	126.9	143.5	154.6	155.7
Chickens.....	do.	40	25	20	20
Horses.....	do.	8.3	7.0	6.5	6.0
Pigs raised.....	do.	2.0	1.8	1.7	1.7
Calf crop.....	Percent	84	83	85	83
Tractors on ranch.....	Number	.81	.95	1.00	1.00
Total labor used.....	Hour	5,010	5,140	5,250	5,280
Operator and family.....	do.	4,000	4,000	4,000	4,000
Hired.....	do.	1,010	1,140	1,250	1,280
Total ranch capital, Jan. 1.....	Dollar	72,850	92,330	90,540	100,630
Land and buildings.....	do.	31,220	41,710	43,310	45,920
Machinery and equipment.....	do.	5,140	6,810	7,160	7,540
Livestock.....	do.	32,820	39,240	35,900	42,490
Crops.....	do.	3,670	4,570	4,170	4,680
Total cash receipts.....	do.	15,594	12,493	15,671	17,914
Cattle.....	do.	15,371	11,824	15,269	17,517
Other livestock and livestock products.....	do.	.97	20	0	0
Other, including Government payments.....	do.	126	649	402	397
Value of perquisites.....	do.	778	835	887	968
Change in inventory of crops and livestock....	do.	1,153	953	313	13
Gross ranch income.....	do.	17,525	14,281	16,871	18,895

TABLE 48. --Cattle ranches, Intermountain Region: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	6,187	7,631	8,170	9,052
Feed and grazing fees.....	do.	613	995	1,231	1,751
Livestock purchased.....	do.	464	374	437	488
Other livestock expense.....	do.	92	111	116	121
Crop expense.....	do.	87	129	127	139
Machinery purchased.....	do.	1,168	1,539	1,531	1,626
Other machinery expense.....	do.	1,283	1,362	1,390	1,436
Ranch buildings and fences.....	do.	217	250	230	250
Labor hired.....	do.	933	1,197	1,356	1,440
Taxes.....	do.	1,196	1,530	1,608	1,658
Other.....	do.	134	144	144	143
Inventory adjustment, machinery and buildings.	do.	-71	-179	-110	-139
Total operating expenses.....	do.	6,116	7,452	8,060	8,913
Net ranch income.....	do.	11,409	6,829	8,811	9,982
Purchasing power in 1947-49 dollars.....	do.	9,711	5,552	6,993	7,738
Charge for capital at current interest rates..	do.	3,682	5,078	4,980	5,535
Return per hour, operator and family labor.....	do.	1.93	.44	.96	1.11
Charge for capital at 4.1 percent interest.....	do.	2,987	3,786	3,712	4,126
Return per hour, operator and family labor.....	do.	2.11	.76	1.27	1.46
INDEX NUMBERS (1957-59=100):					
Gross ranch income.....	---	100	81	96	108
Net ranch income.....	---	100	60	77	87
Net ranch production.....	---	100	98	102	98
Range condition.....	---	100	99	104	97
Production per hour of man labor.....	---	100	95	97	93
Production per unit of input.....	---	100	93	95	91
Operating expense per unit of production....	---	100	123	127	142
Total cost per unit of production.....	---	100	122	121	134
Power and machinery (quantity).....	---	100	119	122	124
Prices received for products sold.....	---	100	81	92	105
Prices paid, including wages to hired labor.	---	100	111	114	119

<sup>1</sup> Preliminary.



TABLE 49. --Cattle ranches, Southwest: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in ranch.....	Acre	11,070	11,560	11,640	11,660
Cropland harvested.....	do.	18	5	6	7
Rangeland, pasture, and miscellaneous.....	do.	11,052	11,555	11,634	11,653
Livestock on ranch, Jan. 1:					
All cattle.....	Number	197.0	252.4	226.8	231.7
Cows and heifers, 2 years old and over.....	do.	138.1	159.8	150.6	148.3
Chickens.....	do.	22	5	5	5
Horses.....	do.	5.7	6.2	5.3	5.2
Pigs raised.....	do.	1.8	0	0	0
Calf crop.....	Percent	79	80	83	85
Tractors on ranch.....	Number	.48	.46	.45	.43
Total labor used.....	Hour	3,450	3,830	3,550	3,700
Operator and family.....	do.	2,520	2,300	2,400	2,400
Hired.....	do.	930	1,530	1,150	1,300
Total ranch capital, Jan. 1.....	Dollar	141,700	188,200	187,400	205,420
Land and buildings.....	do.	112,160	149,410	155,630	167,540
Machinery and equipment.....	do.	3,780	5,640	5,580	5,900
Livestock.....	do.	24,620	31,000	24,160	30,020
Crops.....	do.	1,140	2,150	2,030	1,960
Total cash receipts.....	do.	13,198	14,733	15,073	14,193
Cattle.....	do.	12,737	14,168	14,623	13,824
Other livestock and livestock products.....	do.	171	225	90	119
Other, including Government payments.....	do.	290	340	360	250
Value of perquisites.....	do.	1,071	754	778	792
Change in inventory of crops and livestock....	do.	1,394	-2,089	413	2,634
Gross ranch income.....	do.	15,663	13,398	16,264	17,619

TABLE 49. --Cattle ranches, Southwest: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	8,033	11,594	9,772	10,529
Feed and grazing fees.....	do.	1,029	3,990	2,134	2,040
Livestock purchased.....	do.	2,189	1,400	1,654	1,425
Other livestock expense.....	do.	121	156	150	155
Crop expense.....	do.	11	7	8	7
Machinery purchased.....	do.	1,126	936	1,306	1,666
Other machinery expense.....	do.	1,303	1,463	1,400	1,429
Ranch buildings and fences.....	do.	431	600	450	800
Labor hired.....	do.	535	1,115	897	1,086
Taxes.....	do.	888	1,247	1,250	1,354
Other.....	do.	400	680	523	567
Inventory adjustment, machinery and buildings..	do.	220	494	346	-203
Total operating expenses.....	do.	8,253	12,088	10,118	10,326
Net ranch income.....	do.	7,410	1,310	6,146	7,293
Purchasing power in 1947-49 dollars.....	do.	6,302	1,065	4,878	5,653
Charge for capital at current interest rates...	do.	7,191	10,351	10,307	11,298
Return per hour, operator and family labor.....	do.	.09	-3.93	-1.73	-1.67
Charge for capital at 4.1 percent interest.....	do.	5,810	7,716	7,683	8,422
Return per hour, operator and family labor.....	do.	.63	-2.79	-.64	-.47
INDEX NUMBERS (1957-59=100):					
Gross ranch income.....	---	100	86	104	112
Net ranch income.....	---	100	18	83	98
Net ranch production.....	---	100	101	112	113
Range condition.....	---	100	89	98	101
Production per hour of man labor.....	---	100	91	108	105
Production per unit of input.....	---	100	94	104	104
Operating expense per unit of production.....	---	100	132	110	115
Total cost per unit of production.....	---	100	125	114	123
Power and machinery (quantity).....	---	100	120	123	131
Prices received for products sold.....	---	100	78	94	105
Prices paid, including wages to hired labor..	---	100	115	113	122

<sup>1</sup> Preliminary.

TABLE 50. --Sheep ranches, Northern Plains livestock area: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in ranch.....	Acre	6,303	6,820	6,842	6,927
Cropland harvested.....	do.	226	212	218	215
Rangeland, pasture, and miscellaneous.....	do.	6,077	6,608	6,624	6,712
Crops harvested:					
Grains.....	do.	76.9	66.2	65.3	66.5
Tame hay.....	do.	43.1	44.4	42.4	51.9
Native hay.....	do.	98.4	95.0	105.0	90.0
Other crops.....	do.	7.8	6.4	5.0	6.5
Livestock on ranch, Jan. 1:					
All sheep.....	Number	1,258	1,392	1,323	1,307
Breeding ewes.....	do.	1,060	1,217	1,186	1,151
All cattle.....	do.	20.8	32.3	31.5	38.0
Chickens.....	do.	35	15	14	12
Horses.....	do.	3.3	4.0	4.2	4.1
Pigs raised.....	do.	7.9	5.0	4.6	4.0
Lamb crop.....	Percent	86	85	83	86
Tractors on ranch.....	Number	1.29	1.23	1.23	1.23
Total labor used.....	Hour	8,210	6,800	6,640	6,590
Operator and family.....	do.	3,940	3,540	3,600	3,660
Hired.....	do.	4,270	3,260	3,040	2,930
Total ranch capital, Jan. 1.....	Dollar	92,430	104,440	111,360	123,900
Land and buildings.....	do.	58,890	72,530	76,930	82,150
Machinery and equipment.....	do.	7,000	6,930	7,130	7,460
Livestock.....	do.	24,970	23,810	26,210	33,070
Crops.....	do.	1,570	1,170	1,090	1,220
Total cash receipts.....	do.	21,081	25,294	26,916	26,567
Sheep.....	do.	11,204	13,931	15,250	14,745
Wool.....	do.	5,300	7,275	6,444	7,091
Wool payments.....	do.	2,329	1,267	2,258	1,841
Cattle.....	do.	961	1,568	1,783	1,690
Other livestock and livestock products.....	do.	411	234	217	182
Crops.....	do.	576	619	464	718
Other, including Government payments.....	do.	300	400	500	300
Value of perquisites.....	do.	975	978	1,035	1,143
Change in inventory of crops and livestock....	do.	1,258	-739	335	234
Gross ranch income.....	do.	23,314	25,533	28,286	27,944

TABLE 50. --Sheep ranches, Northern Plains livestock area: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	12,586	14,585	14,131	14,865
Feed and grazing fees.....	do.	1,882	3,228	2,830	3,784
Livestock purchased.....	do.	1,033	1,113	1,112	1,201
Other livestock expense.....	do.	239	293	286	289
Crop expense.....	do.	14	20	18	23
Machinery purchased.....	do.	1,570	1,701	1,856	1,616
Other machinery expense.....	do.	1,491	1,486	1,437	1,411
Ranch buildings and fences.....	do.	522	1,200	1,000	800
Labor hired.....	do.	3,432	2,996	2,949	3,023
Taxes.....	do.	1,228	1,267	1,364	1,465
Other.....	do.	1,175	1,281	1,279	1,253
Inventory adjustment, machinery and buildings..	do.	125	-783	-540	-138
Total operating expenses.....	do.	12,711	13,802	13,591	14,727
Net ranch income.....	do.	10,603	11,731	14,695	13,217
Purchasing power in 1947-49 dollars.....	do.	9,037	9,537	11,663	10,246
Charge for capital at current interest rates...	do.	4,694	5,744	6,125	6,814
Return per hour, operator and family labor.....	do.	1.50	1.69	2.38	1.75
Charge for capital at 4.1 percent interest.....	do.	3,790	4,282	4,566	5,080
Return per hour, operator and family labor.....	do.	1.73	2.10	2.81	2.22
INDEX NUMBERS (1957-59=100):					
Gross ranch income.....	---	100	110	121	120
Net ranch income.....	---	100	111	139	125
Net ranch production.....	---	100	106	106	103
Range condition.....	---	100	101	102	92
Production per hour of man labor.....	---	100	128	132	129
Production per unit of input.....	---	100	106	108	105
Operating expense per unit of production.....	---	100	99	99	107
Total cost per unit of production.....	---	100	99	101	110
Power and machinery (quantity).....	---	100	90	91	89
Prices received for products sold <sup>2</sup> .....	---	100	99	112	111
Prices paid, including wages to hired labor..	---	100	102	106	111

<sup>1</sup> Preliminary. <sup>2</sup> Including wool incentive payments.

TABLE 51.--Sheep ranches, Utah-Nevada: Organization, production, costs and returns, 1966, with comparisons<sup>1</sup>

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>2</sup>
Land in ranch.....	Acre	10,159	10,240	10,250	10,260
Cropland harvested, pasture and farmstead....	do.	129	133	134	140
Grazing land owned.....	do.	5,527	5,717	5,726	5,730
Grazing land rented.....	do.	4,503	4,390	4,390	4,390
Livestock on ranch, Jan. 1:					
All stock sheep.....	Number	2,276	2,217	2,208	2,217
Breeding ewes.....	do.	1,954	1,913	1,926	1,893
Lambs.....	do.	251	239	212	257
Rams and wethers.....	do.	71	65	70	67
All cattle.....	do.	13.1	13.9	14.6	14.2
Horses.....	do.	6.1	5.7	5.6	5.4
Lamb crop.....	Percent	88	85	85	86
Tractors on ranch.....	Number	.82	1.00	1.00	1.00
Total labor used.....	Hour	7,820	7,790	7,790	7,790
Operator and family.....	do.	3,700	3,700	3,700	3,700
Hired.....	do.	4,120	4,090	4,090	4,090
Total ranch capital, Jan. 1.....	Dollar	157,630	161,510	169,290	183,330
Land and buildings.....	do.	92,790	102,300	104,600	110,200
Machinery and equipment.....	do.	6,080	6,790	7,030	7,360
Livestock.....	do.	57,100	50,540	55,620	63,400
Crops.....	do.	1,660	1,880	2,040	2,370
Total cash receipts.....	do.	38,157	38,316	42,309	43,889
Sheep and lambs.....	do.	22,724	23,744	27,772	27,732
Wool.....	do.	9,763	11,162	9,423	11,118
Wool payments.....	do.	4,374	1,944	3,398	2,950
Other livestock and miscellaneous.....	do.	1,296	1,466	1,716	2,089
Value of perquisites.....	do.	704	655	723	756
Change in inventory of crops and livestock.....	do.	685	115	279	-1,239
Gross ranch income.....	do.	39,546	39,086	43,311	43,406



TABLE 51. --Sheep ranches, Utah-Nevada: Organization, production, costs and returns, 1966, with comparisons<sup>1</sup>--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>2</sup>
Total cash expenditures.....	Dollar	21,364	24,410	25,412	25,767
Feed and grazing fees.....	do.	4,010	4,528	4,512	4,679
Livestock expense.....	do.	1,745	1,926	2,180	1,745
Shearing.....	do.	1,102	1,200	1,191	1,210
Contract trucking.....	do.	1,002	1,173	1,208	1,274
Machinery purchased.....	do.	1,639	1,691	1,758	1,828
Machinery operating costs.....	do.	1,107	1,144	1,265	1,260
Ranch buildings and fences.....	do.	648	797	807	814
Labor hired.....	do.	7,764	8,691	9,003	9,471
Taxes.....	do.	1,675	2,471	2,709	2,670
Other.....	do.	672	789	779	816
Inventory adjustment, machinery and buildings..	do.	-232	-239	-259	-233
Total operating expenses.....	do.	21,132	24,171	25,153	25,534
Net ranch income.....	do.	18,414	14,915	18,158	17,872
Purchasing power in 1947-49 dollars.....	do.	15,694	12,126	14,411	13,854
Charge for capital at current interest rates...	do.	7,904	8,883	9,311	10,083
Return per hour, operator and family labor.....	do.	2.84	1.63	2.39	2.11
Charge for capital at 4.1 percent interest.....	do.	6,463	6,622	6,941	7,517
Return per hour, operator and family labor.....	do.	3.23	2.24	3.03	2.80
INDEX NUMBERS (1957-59=100):					
Gross ranch income.....	---	100	99	110	110
Net ranch income.....	---	100	81	99	97
Net ranch production.....	---	100	100	103	102
Range condition.....	---	100	105	108	95
Production per hour of man labor.....	---	100	100	103	102
Production per unit of input.....	---	100	100	102	101
Operating expense per unit of production.....	---	100	115	116	119
Total cost per unit of production.....	---	100	112	113	118
Power and machinery (quantity).....	---	100	98	100	100
Prices received for products sold <sup>3</sup> .....	---	100	99	107	109
Prices paid, including wages to hired labor..	---	100	114	118	120

<sup>1</sup> Two-band, desert-operated units. <sup>2</sup> Preliminary. <sup>3</sup> Including wool incentive payments.

TABLE 52. --Sheep ranches, Southwest: Organization, production, costs and returns, 1966, with comparisons

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Land in ranch.....	Acre	13,365	13,540	13,600	13,620
Cropland harvested.....	do.	20	5	6	7
Rangeland, pasture, and miscellaneous.....	do.	13,345	13,535	13,594	13,613
Livestock on ranch, Jan. 1:					
All sheep.....	Number	1,255	1,219	1,250	1,278
Breeding ewes.....	do.	977	945	991	980
All cattle.....	do.	32.2	45.3	43.2	45.2
Goats.....	do.	90.7	109.5	80.4	70.0
Horses.....	do.	7.5	7.8	7.2	6.5
Chickens.....	do.	20	10	5	5
Lamb crop.....	Percent	76	73	79	82
Tractors on ranch.....	Number	.40	.41	.40	.40
Total labor used.....	Hour	5,360	5,210	5,220	5,270
Operator and family.....	do.	2,630	2,700	2,650	2,650
Hired.....	do.	2,730	2,510	2,570	2,620
Total ranch capital, Jan. 1.....	Dollar	191,700	222,920	235,220	254,950
Land and buildings.....	do.	163,310	195,350	207,820	222,170
Machinery and equipment.....	do.	4,720	5,080	5,210	5,560
Livestock.....	do.	22,760	21,530	21,240	26,230
Crops.....	do.	910	960	950	990
Total cash receipts.....	do.	19,278	16,881	20,332	23,696
Sheep and lambs.....	do.	9,220	6,947	10,308	12,763
Wool.....	do.	5,020	5,688	4,980	5,491
Wool payments.....	do.	2,239	931	1,658	1,387
Other livestock and livestock products.....	do.	2,527	3,015	3,046	3,795
Other, including Government payments.....	do.	272	300	340	260
Value of perquisites.....	do.	905	788	805	941
Change in inventory of crops and livestock.....	do.	1,166	-465	737	48
Gross ranch income.....	do.	21,349	17,204	21,874	24,685

TABLE 52.--Sheep ranches, Southwest: Organization, production, costs and returns, 1966, with comparisons--Continued

Item	Unit	AVERAGE 1957-59	1964	1965	1966 <sup>1</sup>
Total cash expenditures.....	Dollar	10,600	12,946	12,087	12,303
Feed and grazing fees.....	do.	1,649	4,068	2,359	2,356
Livestock purchased.....	do.	2,156	715	1,177	1,032
Other livestock expense.....	do.	264	253	260	288
Crop expense.....	do.	13	7	8	7
Machinery purchased.....	do.	986	1,034	1,268	1,438
Other machinery expense.....	do.	1,285	1,388	1,372	1,388
Ranch buildings and fences.....	do.	514	1,000	900	700
Labor hired.....	do.	1,876	2,333	2,532	2,724
Taxes.....	do.	1,094	1,345	1,400	1,517
Other.....	do.	763	803	811	853
Inventory adjustment, machinery and buildings	do.	1,251	506	475	604
Total operating expenses.....	do.	11,851	13,452	12,562	12,907
Net ranch income.....	do.	9,498	3,752	9,312	11,778
Purchasing power in 1947-49 dollars.....	do.	8,081	3,050	7,390	9,130
Charge for capital at current interest rates.	do.	9,728	12,261	12,937	14,022
Return per hour, operator and family labor...	do.	-.09	-3.15	-1.37	-.85
Charge for capital at 4.1 percent interest...	do.	7,860	9,140	9,644	10,453
Return per hour, operator and family labor...	do.	.62	-2.00	-.13	.50
INDEX NUMBERS (1957-59 = 100):					
Gross ranch income.....	---	100	81	102	116
Net ranch income.....	---	100	40	98	124
Net ranch production.....	---	100	83	106	120
Range condition.....	---	100	89	98	101
Production per hour of man labor.....	---	100	85	108	123
Production per unit of input.....	---	100	87	106	118
Operating expense per unit of production...	---	100	130	103	97
Total cost per unit of production.....	---	100	133	112	108
Power and machinery (quantity).....	---	100	95	99	103
Prices received for products sold <sup>2</sup> .....	---	100	92	99	105
Prices paid, including wages to hired labor	---	100	116	115	123

<sup>1</sup> Preliminary. <sup>2</sup> Including wool incentive payments.

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